

Tawarooq Creation
Version-11.3
ORACLE FCUBS 11.3.0.0.0.0.0
[May] [2011]
Oracle Part Number E51535-01



Table of Contents

1. TAWAROOQ ORIGINATION.....	1-1
1.1 INTRODUCTION.....	1-1
1.2 STAGES IN TAWAROOQ.....	1-1
1.3 MAINTAINING FINANCE PROSPECT DETAILS.....	1-2
1.3.1 Customer Tab.....	1-3
1.3.2 Details Tab.....	1-5
1.3.3 Requested Tab.....	1-8
1.4 VIEWING FINANCE PROSPECT SUMMARY.....	1-9
1.5 MAINTAINING CREDIT RATING RULES.....	1-9
1.5.1 Main Tab.....	1-10
1.5.2 Risk Factor Tab.....	1-11
1.5.3 Specifying Credit Grades.....	1-13
1.6 VIEWING CREDIT RULE SUMMARY.....	1-13
1.7 MAINTAINING CREDIT RATIOS.....	1-14
1.7.1 Specifying Formula Details.....	1-15
1.8 VIEWING CREDIT RATIO SUMMARY.....	1-17
1.9 MAINTAINING OVERRIDE DETAILS.....	1-18
1.10 VIEWING OVERRIDE SUMMARY.....	1-19
1.11 MAINTAINING DOCUMENT CHECKLIST AND ADVICES.....	1-20
1.12 VIEWING DOCUMENT CHECKLIST SUMMARY.....	1-22
1.13 MAINTAINING APPLICATION CATEGORY DETAILS.....	1-23
1.13.1 Main Tab.....	1-24
1.13.2 Agency Tab.....	1-26
1.14 VIEWING APPLICATION CATEGORY SUMMARY.....	1-27
1.15 STAGES IN TAWAROOQ FINANCE ORIGINATION.....	1-28
1.15.1 Process Flow Diagram.....	1-29
1.15.2 Process Matrix.....	1-30
1.15.3 Main Tab.....	1-35
1.15.4 Details Tab.....	1-41
1.15.5 Financials Tab.....	1-42
1.15.6 Requested Tab.....	1-45
1.15.7 Limits Tab.....	1-46
1.15.8 Collaterals Tab.....	1-49
1.15.9 Vehicle Asset.....	1-50
1.15.10 Capturing Vehicle Information.....	1-50
1.15.11 Specifying Registration Details.....	1-52
1.15.12 Specifying Vendor Details.....	1-52
1.15.13 Specifying Amount Details.....	1-53
1.15.14 Specifying Appraiser Details.....	1-53
1.15.15 Specifying Total Amount Details.....	1-53
1.15.16 Specifying Insurance Details.....	1-53
1.15.17 Specifying Balance Details.....	1-54
1.15.18 Equipment Asset.....	1-54
1.15.19 Specifying Equipment Details.....	1-55
1.15.20 Specifying Seller Details.....	1-55
1.15.21 Specifying Balance Details.....	1-56
1.15.22 Specifying Evaluator Details.....	1-56
1.15.23 Property Asset.....	1-57
1.15.24 Capturing Property Details.....	1-58
1.15.25 Specifying Vendor Details.....	1-60

1.15.26	<i>Specifying Amount Details</i>	1-60
1.15.27	<i>Specifying Insurance Details</i>	1-61
1.15.28	<i>Specifying Evaluator Details</i>	1-61
1.15.29	<i>Specifying Balance Details</i>	1-61
1.15.30	<i>Comments Tab</i>	1-62
1.15.31	<i>Capturing Document Details</i>	1-63
1.15.32	<i>Collateral Tab</i>	1-73
1.15.33	<i>Credit Score Tab</i>	1-76
1.15.34	<i>Bureau Tab</i>	1-77
1.15.35	<i>Ratios Tab</i>	1-83
1.15.36	<i>Financing Tab</i>	1-84
1.15.37	<i>Schedule Tab</i>	1-84
1.15.38	<i>Charges Tab</i>	1-86
1.15.39	<i>Investigation Tab</i>	1-87
1.15.40	<i>Checklist Tab</i>	1-88
1.15.41	<i>Comments Tab</i>	1-89
1.16	MESSAGE GENERATION.....	1-91

1. *Tawarooq* Origination

1.1 Introduction

The process of *Tawarooq* finance origination gets initiated when a prospective customer approaches the bank, with a finance account opening request or when the bank approaches a prospective customer, taking lead from its database. In case of a bank-initiated request, the process moves forward only if the prospective customer is interested. The entire process is carried out in multiple stages and on successful completion of each stage, it moves automatically to the next stage.

Finance applications can also be captured in an offline mode at client sites by authorised users. These can be subsequently brought into the main system and processed through the normal finance origination process.

When the customer approaches the bank for its products and offers, before initiating the finance origination process, the bank can create a mock-proposal which would have the personal details of the customer, the finance offers the customer is interested in as well as the schedules associated with the finance offer. This can be stored as reference in the system to be retrieved when the actual finance process flow is initiated.

1.2 Stages in *Tawarooq*

Tawarooq process flow uses Oracle BPEL framework with multiple human tasks for workflow stages. The capture and enrichment of information in multiple steps can be dynamically assigned to different user roles, so that multiple users can take part in the transaction. Oracle Business rules are used for dynamic creation of multiple approval stages.

The following details need to be maintained for originating a *Tawarooq*:

- Finance Application Capture
- Application Verification
- Application Management Verification (Configurable)
- Internal Blacklist Check
- External Blacklist Check
- Underwriting (Credit Evaluation)
- Finance Approval
- Document Verification
- Finance details upload
- Sale Confirmation
- User Acceptance
- Disbursement
- Manual Liquidation

The *Tawarooq* origination process flow is composed of following stages:

The following are different types of the asset categories in *Tawarooq*:

- Vehicle

- Equipment
- Home

1.3 Maintaining Finance Prospect Details

You can maintain the details of a prospective borrower or a finance applicant, when the borrower initially approaches the bank enquiring about the various finance products that are being offered.

The following details are captured as part of this maintenance:

- Prospective customer's personal and location details
- Prospective customer's employment details
- Requested finance details

You can maintain the details related to the prospective customer in 'Prospect Details' screen. You can invoke this screen by typing 'ORDLEADM' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

You can specify the following details in this screen:

Lead Id

Specify a unique identification for the prospective finance customer.

Description

Specify a suitable description for the prospective finance customer.

Reason

Specify the reason for the finance enquiry.

Date of Enquiry

Specify the date when the prospective customer has made the enquiry about the finance. You can also select the date by clicking the adjoining 'Calendar' icon.

1.3.1 Customer Tab

You can capture the following personal and geographical details related to a prospective customer:

Type

Select the type of the customer from the drop-down list provided. The following options are available:

- Primary
- Co-Applicant

Salutation

Select the salutation preference of the customer from the drop-down list provided. You can select any of the following options:

- Mr
- Mrs
- Miss
- Dr

First Name

Specify the first name of the customer.

Middle Name

Specify the middle name of the customer.

Last Name

Specify the last name of the customer.

National Id

Specify the national Id or country code of the customer or select the national Id from the option list provided.

Short Name

Specify the short name of the customer.

Gender

Select the gender of the customer from the drop-down list.

Date of Birth

Specify the date of birth of the customer or select the date by clicking the 'Calendar' icon provided.

Mother's Maiden Name

Specify the customer's mother's maiden name.

Customer Category

Specify the category to which the customer belongs or select the customer category from the option list that displays all valid customer categories.

Country

Specify the country of domicile of the customer or select the country code from the option list provided.

Nationality

Specify the country of which the customer is a national or select the country code from the option list provided.

Language

Specify the primary language of the customer or select the language from the option list provided.

Mobile Number

Specify the mobile phone number of the prospective customer.

Landline No

Specify the land phone number of the prospective customer.

Office No

Specify the office phone number of the prospective customer.

Fax

Specify the fax number of the prospective customer.

Passport No

Specify the passport number of the prospective customer.

Passport Issue Date

Specify the date on which the customer's passport was issued or select the date from by clicking the adjoining 'Calendar' icon.

Passport Expiry Date

Specify the date on which the customer's passport expires or select the date from by clicking the adjoining 'Calendar' icon.

Passport Issue Place

Specify the place where the customer's passport was issued.

E-mail

Specify the e-mail Id of the prospective customer.

Dependents

Specify the number of dependents for the customer.

Marital Status

Select the marital status of the prospective customer from the drop-down list. The following options are available:

- Married
- Unmarried
- Divorcee

1.3.2 Details Tab

You can capture the address and employment related details of the prospective customer in 'Details' tab.

The screenshot displays the 'Prospect Details' window with the 'Details' tab selected. The form is divided into several sections:

- Lead Information:** Fields for Lead Id, Description, Reason, and Date of Enquiry.
- Customer:** Tabs for Customer, Details (selected), and Requested.
- Address Details:** Includes a sequence number (1 of 1), address type (Permanent), and a mailing checkbox. It contains three address line fields (Address Line 1, 2, 3), contact number, zip, and country.
- Employment Details:** Includes a sequence number (1 of 1), employment type (Part Time), employer, occupation, designation, and employee id. It also contains three address line fields, phone number, extension, contact name, contact phone, contact extension, comments, department, stated years, and stated months.
- Footer:** Fields for Maker, Checker, Date Time, Mod No, Record Status, and Authorization Status, along with a Cancel button.

Address Details

Seq No

The sequence number is automatically generated by the system.

Address Type

Select the address type of the customer from the following options provided in the drop-down list:

- Permanent
- Home
- Work
- Temporary
- Others

Mailing

Check this box to indicate that the address you specify here is the customer's mailing address.

Address Line 1 – 3

Specify the address of the customer in three lines starting from Address Line 1 to Address Line 3.

Contact Number

Specify the contact telephone number of the customer.

Zip

Specify the zip code associated with the address specified.

Country

Specify the country associated with the address specified.

Employment Details**Seq No**

The sequence number is automatically generated by the system.

Employment Type

Select the customer's employment type from the drop-down provided. The following options are available:

- Part Time
- Full Time
- Contract Based

Employer

Specify the name of the employer of the prospective customer.

Occupation

Specify the occupation of the prospective customer.

Designation

Specify the designation of the prospective customer.

Employee Id

Specify the employee Id of the prospective customer.

Address Line 1 – 3

Specify the employment address of the customer in three lines starting from Address Line 1 to Address Line 3.

Zip

Specify the zip code associated with the office address specified.

Country

Specify the country associated with the employment address specified.

Phone No

Specify the official phone number of the prospective customer.

Extn

Specify the telephone extension number, if any, of the prospective customer.

Contact

Specify the contact number of the prospective customer.

Contact Name

Specify the name of a contact person at the customer's office.

Contact Phone

Specify the contact phone number of the customer's contact person.

Contact Extn

Specify the telephone extension number, if any, associated with contact person.

Comments

Specify comments, if any, related to the customer's employment.

Department

Specify the department to which the customer belongs.

Stated Years

Specify the number of years the customer has spent with his current employer.

Stated Months

Specify the number of months the customer has spent with his current employer.

1.3.3 Requested Tab

You can capture the details related to the requested finance in 'Requested' tab.

The screenshot shows a software window titled "Prospect Details" with a close button in the top right corner. Below the title bar, there are four input fields: "Lead Id *", "Description", "Reason", and "Date of Enquiry". Below these fields is a tabbed interface with three tabs: "Customer", "Details", and "Requested". The "Requested" tab is currently selected and active. Under the "Requested" tab, there is a section titled "Financing Requested" which contains several input fields: "Currency", "Requested Amount *", "EMI Amount", and "Tenor(in Months)". To the right of these fields are three more input fields: "Rate", "Hamish Jiddayah %", and "Hamish Jiddayah Amount". At the bottom of the window, there is a footer area with several fields: "Maker", "Checker", "Date Time:", "Mod No", "Record Status", and "Authorization Status". A "Cancel" button is located in the bottom right corner of the footer area.

You can capture the following details here:

Currency

Specify the finance currency preference of the customer or select the currency from the option list provided.

Requested Amount

Specify the finance amount requested by the prospective customer.

EMI Amount

Specify the preferred EMI amount of the prospective customer.

Tenor (in months)

Specify the preferred finance tenor (in months) of the prospective customer.

Rate

Specify the preferred profit rate of the prospective customer.

Hamish Jiddayah %

Specify the percentage of amount that the prospective customer can provide as *Hamish Jiddayah*.

Hamish Jiddayah Amount

Specify the preferred amount that the prospective customer can provide as *Hamish Jiddayah*.

1.4 Viewing Finance Prospect Summary

You can view a summary of the prospective finance customers or the borrowers in 'Finance Prospect Details' screen. You can also query for a particular record based on desired search criteria.

You can invoke this screen by typing 'ORSLEADM' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The screenshot displays the 'Prospect Details' application window. At the top, there are search filters: 'Authorization Status' (dropdown), 'Lead Id' (text input), 'Record Status' (dropdown), and 'Date of Enquiry' (text input). Below these are buttons for 'Search', 'Advanced Search', 'Refresh', and 'Reset'. A 'Records per page' dropdown is set to '15'. The table below has columns for 'Authorization Status', 'Record Status', 'Lead Id', and 'Date of Enquiry'. The table is currently empty. At the bottom right, there is an 'Exit' button.

	Authorization Status	Record Status	Lead Id	Date of Enquiry
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				

You can specify any of the following details to search for a record:

- Authorization Status
- Record Status
- Lead Id
- Date of Enquiry

Click 'Search' button to search for a record based on the search criteria specified. You can double click a desired record to view the detailed screen.

1.5 Maintaining Credit Rating Rules

You can maintain a set of questions along with a possible set of answers with associated scores, to assess the credit rating of a prospective finance customer. You can also calculate the risk factor associated with the finance and arrive at a credit grade based on the scores obtained.

You can maintain these details in 'Rule Details' screen. You can invoke this screen by typing 'ORDRULMT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The screenshot shows the 'Rule Details' application window. At the top, there are input fields for 'Rule Id *' and 'Description'. To the right, there are radio buttons for 'Type', with 'Retail' selected and 'Corporate' unselected. Below this, there are two tabs: 'Main' (selected) and 'Risk Factor'. The main content area is divided into two sections: 'Question Details' and 'Answer Details'. Each section has a table with a 'Go to Page' control and navigation arrows. The 'Question Details' table has columns for 'Question Id *', 'Category', and 'Question'. The 'Answer Details' table has columns for 'Sequence Number *', 'Possible Answer', and 'Score'. At the bottom, there is a 'Rating' section with fields for 'Maker', 'Checker', 'Date Time', 'Mod No', 'Record Status', and 'Authorization Status'. A 'Cancel' button is located in the bottom right corner.

You can specify the following details in this screen:

Rule Id

Specify a unique identification for the credit rating rule.

Description

Specify a suitable description for the credit rating rule.

Type

Select the type of the finance from the following options available:

- Retail
- Corporate

1.5.1 Main Tab

You can maintain the following details in this tab:

Question Details

Question Id

The question Id is automatically generated by the system.

Category

Select the category to which the question belongs from the option list provided.

Question

Specify the question to be asked to the prospective customer to derive the credit rating score.

Answer Details

Sequence Number

The sequence number is automatically generated by the system.

Possible Answer

Specify a set of possible answers to be associated with a question.

Score

Specify the score associated with an answer.

1.5.2 Risk Factor Tab

You can specify the risk details associated with the finance and also indicate the formula for calculating the credit score in this tab.

The screenshot shows the 'Rule Details' window with the 'Risk Factor' tab selected. The window contains the following elements:

- Rule Id ***: A text input field.
- Description**: A text input field.
- Type**: Radio buttons for 'Retail' (selected) and 'Corporate'.
- Navigation**: 'Main' and 'Risk Factor' tabs, and a 'Go to Page' field with '1 of 1'.
- Risk Factor Table**: A table with columns 'Risk Id *', 'Description', and 'Formula'. The first row has a checkmark in the 'Risk Id *' column and a 'Formula' button in the 'Formula' column.
- Rating Section**: Fields for 'Maker', 'Checker', 'Date Time', 'Mod No', 'Record Status', and 'Authorization Status', along with a 'Cancel' button.

You can specify the following details here:

Risk Id

Specify a unique identifier for the credit risk being maintained.

Description

Specify a suitable description for the credit risk.

1.5.2.1 Specifying Formula Details

You can specify the formula to calculate the credit score by clicking the 'Formula' button corresponding to a credit risk entry in Risk Factor tab. The 'Formula' screen is displayed where you can specify the condition for calculating the credit score associated with a risk condition.

Sequence Number *	Condition	Result
1		

Elements: []
Functions: []
Braces: []
Operators: []
Logical Operators: []

Ok Cancel

You can specify the following details here:

Sequence Number

The sequence number is automatically generated by the system.

Condition

The condition specified using the Elements, Functions, Operators etc. gets displayed here.

Result

Specify the result to be associated with the condition specified.

Elements

Specify the data elements to be used to define the formula for credit score calculation or select the element from the option list provided.

Functions

Select the mathematical function to be used to define the formula from the drop-down list provided.

Braces

Select the opening or the closing brace from the drop-down list provided, to define the credit score calculation formula.

Operators

Select the mathematical operator to be used to define the credit score calculation formula. You can select '+', '-', '*', or '/'.

Logical Operators

Select the logical operator to be used to define the credit score calculation formula. You can select '<', '>', '=', '<>', '>=', '<=', 'AND' or 'OR'.

1.5.3 Specifying Credit Grades

You can maintain different credit grades based on the credit scores obtained. Click 'Rating' button in Rule Details screens to invoke the 'Rating' screen, where you can maintain these details.

Sequence Number *	Score	Grade
1		

You can specify the following details here:

Sequence Number

The sequence number is automatically generated by the system.

Score

Specify the score associated with a credit risk.

Grade

Specify the credit grade based on the score obtained.

1.6 Viewing Credit Rule Summary

You can view a summary of the credit rules in 'Rule Maintenance' screen. You can also query for a particular record based on desired search criteria.

You can invoke this screen by typing 'ORSRULMT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The screenshot shows a web-based application window titled "Rule Maintenance". At the top, there are two dropdown menus: "Authorization Status" and "Record Status". Below them is a text input field for "Rule Id" with a small icon to its right. A search bar contains the text "Search" and "Advanced Search", along with "Refresh" and "Reset" buttons. Below the search bar, there is a "Records per page" dropdown set to "15" and a pagination control showing "1 of 1" pages with "Go to Page" and "Exit" buttons. The main area is a table with the following columns: "Authorization Status", "Record Status", "Rule Id", and "Description". The table is currently empty. At the bottom right, there is an "Exit" button.

You can specify any of the following details to search for a record:

- Authorization Status
- Record Status
- Rule Id

Click 'Search' button to search for a record based on the search criteria specified. You can double click a desired record to view the detailed screen.

1.7 Maintaining Credit Ratios

You can maintain the rules to calculate the credit ratios in 'Credit Ratio Maintenance' screen.

You can invoke this screen by typing 'ORDRATMT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The screenshot shows the 'Credit Ratio Maintenance' application window. At the top, there are input fields for 'Group Id *' and 'Description'. To the right, there are radio buttons for 'Type', with 'Retail' selected and 'Corporate' unselected. Below this is a table with the following structure:

Ratio Id	Description	Formula
<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/>		Formula

At the bottom of the window, there are fields for 'Maker', 'Checker', 'Date Time', 'Mod No', 'Record Status', and 'Authorization Status', along with a 'Cancel' button.

You can specify the following details in this screen:

Group Id

Specify a unique identification code for the ratio group.

Description

Specify a suitable description for the ratio group.

Type

Select the type of the finance from the following options available:

- Retail
- Corporate

Ratio Id

Specify a unique identification for the credit ratio being maintained.

Description

Specify a suitable description for the credit ratio.

1.7.1 Specifying Formula Details

You can specify the formula to calculate the credit ratio by clicking the 'Formula' button corresponding to a ratio Id.

The 'Formula' screen is displayed where you can specify the condition for calculating the credit ratio associated with a ratio Id.

Ratio Type *	Condition
<input checked="" type="checkbox"/> Stated Before	

Elements:

Functions:

Braces:

Operators:

Ok Cancel

You can specify the following details here:

Ratio Type

Select the type of the ratio being maintained, from the drop down list provided. The following options are available:

- Stated Before
- Stated After
- Actual Before
- Actual After

Condition

The condition specified using the Elements, Functions, Operators etc. gets displayed here.

Elements

Specify the data elements to be used to define the formula for credit ratio calculation or select the element from the option list provided.

Functions

Select the mathematical function to be used to define the formula from the drop-down list provided.

Braces

Select the opening or the closing brace from the drop-down list provided, to define the credit ratio calculation formula.

Operators

Select the mathematical operator to be used to define the credit ratio calculation formula. You can select '+', '-', '*', or '/'.

1.8 Viewing Credit Ratio Summary

You can view a summary of the credit ratios in 'Credit Ratio Maintenance' screen. You can also query for a particular record based on desired search criteria.

You can invoke this screen by typing 'ORSRATMT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The screenshot shows a web-based application window titled "Credit Ratio Maintenance". At the top, there are two dropdown menus for "Authorization Status" and "Record Status", and a text input field for "Group Id". Below these are four buttons: "Search", "Advanced Search", "Refresh", and "Reset". A "Records per page" dropdown is set to "15". The table below has four columns: "Authorization Status", "Record Status", "Group Id", and "Description". The table is currently empty. At the bottom right, there is an "Exit" button.

You can specify any of the following details to search for a record:

- Authorization Status
- Record Status
- Group Id

Click 'Search' button to search for a record based on the search criteria specified. You can double click a desired record to view the detailed screen.

1.9 Maintaining Override Details

You can maintain the formulae to verify if overrides need to be generated dynamically, in 'Override Maintenance' screen. You can invoke this screen by typing 'ORDOVDMT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

Sequence Number *	Condition	Error Code	Error Parameter
1			

You can specify the following details in this screen:

Process Code

Specify the process code of the process for which you wish to maintain override conditions or select the process code from the option list provided.

Application Category

Specify the category to which the finance application belongs or select the application category from the option list provided.

Type

Select the type of the finance from the following options available:

- Retail
- Corporate

Stage

Select the stage of the finance origination process from the option list provided. The various stages can be Application Entry, Application Verification, Underwriting, Finance Approval etc.

Description

Specify a suitable description for the finance origination stage.

Overrides

Here, you can capture the details of the conditions to be checked for generating override messages.

Sequence Number

The sequence number is automatically generated by the system.

Condition

The condition specified using the Elements, Functions, Operators etc. gets displayed here.

Error Code

Specify the error code to be used to generate the override message or select the error code from the option list provided.

Error Parameter

Specify the error parameter to be substituted in the override messages.

Elements

Specify the data elements to be used to define the conditions for generating override messages or select the element from the option list provided.

Functions

Select the mathematical function to be used to define the condition from the drop-down list provided.

Braces

Select the opening or the closing brace from the drop-down list provided, to define the conditions for generating override messages.

Operators

Select the mathematical operator to be used to define the conditions for generating override messages. You can select '+', '-', '*', or '/'.

Logical Operators

Select the logical operator to be used to define the conditions for generating override messages. You can select '<', '>', '=', '<>', '>=', '<=', 'AND' or 'OR'.

1.10 **Viewing Override Summary**

You can view a summary of the overrides in 'Override Maintenance' screen. You can also query for a particular record based on desired search criteria.

You can invoke this screen by typing 'ORSOVDMT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The screenshot shows the 'Override Maintenance' application window. At the top, there are search filters: 'Authorization Status' (dropdown), 'Record Status' (dropdown), 'Process Code' (text input with a search icon), and 'Application Category' (text input with a search icon). Below these are buttons for 'Search', 'Advanced Search', 'Refresh', and 'Reset'. A 'Records per page' dropdown is set to 15. The main area is a table with the following columns: 'Authorization Status', 'Record Status', 'Process Code', and 'Application Category'. The table is currently empty. At the bottom right, there is an 'Exit' button.

You can specify any of the following details to search for a record:

- Authorization Status
- Record Status
- Process Code
- Application Category

Click 'Search' button to search for a record based on the search criteria specified. You can double click a desired record to view the detailed screen.

1.11 Maintaining Document Checklist and Advices

You can maintain the list of documents that are required during the finance origination process, in 'Documents and Advice Maintenance' screen. Document checklists are maintained for an application category and for the various stages in the origination process. You can also maintain the details of the Advices that need to be generated on completion of a stage in the process.

You can invoke 'Documents and Advice Maintenance' screen by typing 'ORDDOCMT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The screenshot shows the 'Document & Advice Maintenance' window. It has a title bar with a close button. Below the title bar, there are two dropdown menus: 'Process Code *' and 'Application Category *'. Below these is a section titled 'Process Stages' with a '1 of 1' indicator and navigation buttons. It contains two 'Stage *' dropdown menus. Below that is a section titled 'Document Details' with a '1 of 1' indicator and navigation buttons. It contains three dropdown menus: 'Document Category *', 'Document Type *', and 'Mandatory'. Below that is a section titled 'BI Advices' with a '1 of 1' indicator and navigation buttons. It contains four dropdown menus: 'Report Name *', 'Template', 'Format' (set to 'PDF'), and 'Locale' (set to 'en-US'). At the bottom of the window, there are fields for 'Maker', 'Checker', 'Date Time', 'Mod No', 'Record Status', and 'Authorization Status', along with a 'Cancel' button.

You can specify the following details in this screen:

Process Code

Specify the process code of the process for which you wish to maintain override conditions or select the process code from the option list provided.

Application Category

Specify the category to which the finance application belongs or select the application category from the option list provided.

Stage

Select the stage of the finance origination process from the option list provided. The various stages can be Application Entry, Application Verification, Underwriting, Finance Approval etc.

Stage Title

Specify a suitable description for the finance origination stage.

Document Details

Document Category

Specify the category to which the document belongs or select the document category from the option list provided.

Document Type

Specify the type of the document or select the document type from the option list provided.

Mandatory

Select the option to indicate whether the document is mandatory or not. You can select any of the following options from the drop-down list provided:

- Mandatory
- Overridden
- Others

BI Advices

Report Name

Specify the name of the advice report to be generated on completion of the process stage.

Template

Specify the template to be used to generate the advice report.

Format

Select the format in which the advice report needs to be generated from the drop-down list provided. The following options are available:

- PDF
- RTF

Locale

Select the locale information to be used for generating the advices from the drop-down list. The following options are available:

- en-US

1.12 Viewing Document Checklist Summary

You can view a summary of the document checklists and advices in 'Document Details' screen. You can also query for a particular record based on desired search criteria.

You can invoke this screen by typing 'ORSDOCMT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The screenshot shows a web application window titled "Documents Details". At the top, there are four search criteria: "Authorization Status" (dropdown), "Record Status" (dropdown), "Process Code" (text input), and "Application Category" (text input). Below these are buttons for "Search", "Advanced Search", "Refresh", and "Reset". A "Records per page" dropdown is set to "15". The table below has four columns: "Authorization Status", "Record Status", "Process Code", and "Application Category". The table is currently empty. At the bottom right, there is an "Exit" button.

You can specify any of the following details to search for a record:

- Authorization Status
- Record Status
- Process Code
- Application Category

Click 'Search' button to search for a record based on the search criteria specified. You can double click a desired record to view the detailed screen.

1.13 **Maintaining Application Category Details**

You can maintain various application categories linked to multiple finance products that cater to the requirements of different customers, in 'Application Category Maintenance' screen. The entire process of finance origination depends mainly on the category to which the application belongs.

You can invoke 'Application Category Maintenance' screen by typing 'ORDCATMT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

You can specify the following details in this screen:

Application Category

Specify a unique identification for the finance application category.

Category Description

Specify a suitable description for the finance application category.

Rule Id

Specify the credit rule to be associated with the application category or select the Rule Id from the option list provided.

Ratio Id

Specify the credit ratio to be associated with the application category or select the Ratio Id from the option list provided.

1.13.1 Main Tab

You can capture the following details in the 'Main' tab.

Product Details

You can specify the following details related to the finance product here:

Product Code

Specify the identification code of the finance product to be linked to the application category being maintained. You can also select the product code from the option list provided.

Product Description

The description associated with the selected finance product gets displayed here.

Default

Check this box to indicate if the finance product selected should be maintained as the default product for the application category.

Other Details

You can capture the additional details related to the finance product here:

Offer Id

Specify a unique identification for the finance offer being made to the customer.

No of Installments

Specify the number of instalments associated with the finance.

Units

Select the units based on which the finance disbursement should be carried out. The following options are available in the option list:

- Daily
- Weekly
- Monthly
- Quarterly
- Half Yearly
- Yearly

Frequency

Specify the frequency at which the finance disbursement should be carried out.

Rate

Specify the profit rate to be associated with the finance.

Rate Code

Specify the rate code used to derive the profit rate or select the rate code from the option list provided.

Spread

Specify the spread that is applicable for the finance being offered.

Effective Rate

The effective profit rate gets displayed here, based on the profit and the spread specified.

Default

Check this box to indicate if the finance offer specified should be maintained as the default offer for the application category.

1.13.2 Agency Tab

In 'Agency' tab, you can capture the details of the credit rating agencies and credit bureaus that provide credit rating details for customer securities.

The screenshot shows a software window titled "Application Category Maintenance Detail". At the top, there are input fields for "Application Category *", "Category Description", "Rule Id", and "Ratio Id". Below these fields are two tabs: "Main" and "Agency", with "Agency" selected. The "Agency" tab contains two data tables. The first table, "Credit Agency", has columns for "Agency Code" and "Agency Name". The second table, "Bureau Details", has columns for "Bureau Code" and "Bureau". Both tables have a "Go to Page" button and a "Cancel" button at the bottom right.

You can specify the following details in this screen:

Credit Agency

You can capture the details related to the credit rating agencies here.

Agency Code

Specify the identification code of the rating agency that provides credit rating details for customer securities.

Agency Name

Specify the name of the rating agency that provides credit rating details for customer securities.

Bureau Details

You can capture the details related to the credit bureau here.

Bureau Code

Specify the identification code of the credit bureau that provides credit ratings for customer securities.

Bureau

Specify the name of the credit bureau that provides credit rating details for customer securities.

1.14 Viewing Application Category Summary

You can view a summary of the application categories in 'Category Details' screen. You can also query for a particular record based on desired search criteria.

You can invoke this screen by typing 'ORSCATMT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The screenshot shows a software window titled "Category Details". At the top, there are two dropdown menus: "Authorization Status" and "Record Status". Below them is a text input field for "Application Category" with a search icon. A toolbar contains buttons for "Search", "Advanced Search", "Refresh", and "Reset". Below the toolbar, a table is displayed with the following columns: "Authorization Status", "Record Status", "Application Category", and "Category De". The table is currently empty. At the bottom right of the window, there is an "Exit" button.

You can specify any of the following details to search for a record:

- Authorization Status
- Record Status

- Application Category

Click 'Search' button to search for a record based on the search criteria specified. You can double click a desired record to view the detailed screen.

1.15 **Stages in Tawarooq Finance Origination**

The different stages in *Tawarooq* process flow are designed using Oracle BPEL framework. The process of finance origination consists of several manual as well as system tasks, carried out in a sequential manner. Many users can be involved in the completion of a transaction and at each stage of the process, a user or a group of users, assigned with a task, acquire and work on the relevant transaction.

Oracle Business rules that are embedded help the dynamic creation of multiple approval stages. The different stages and sub-stages in the process flow can be summarized as follows:

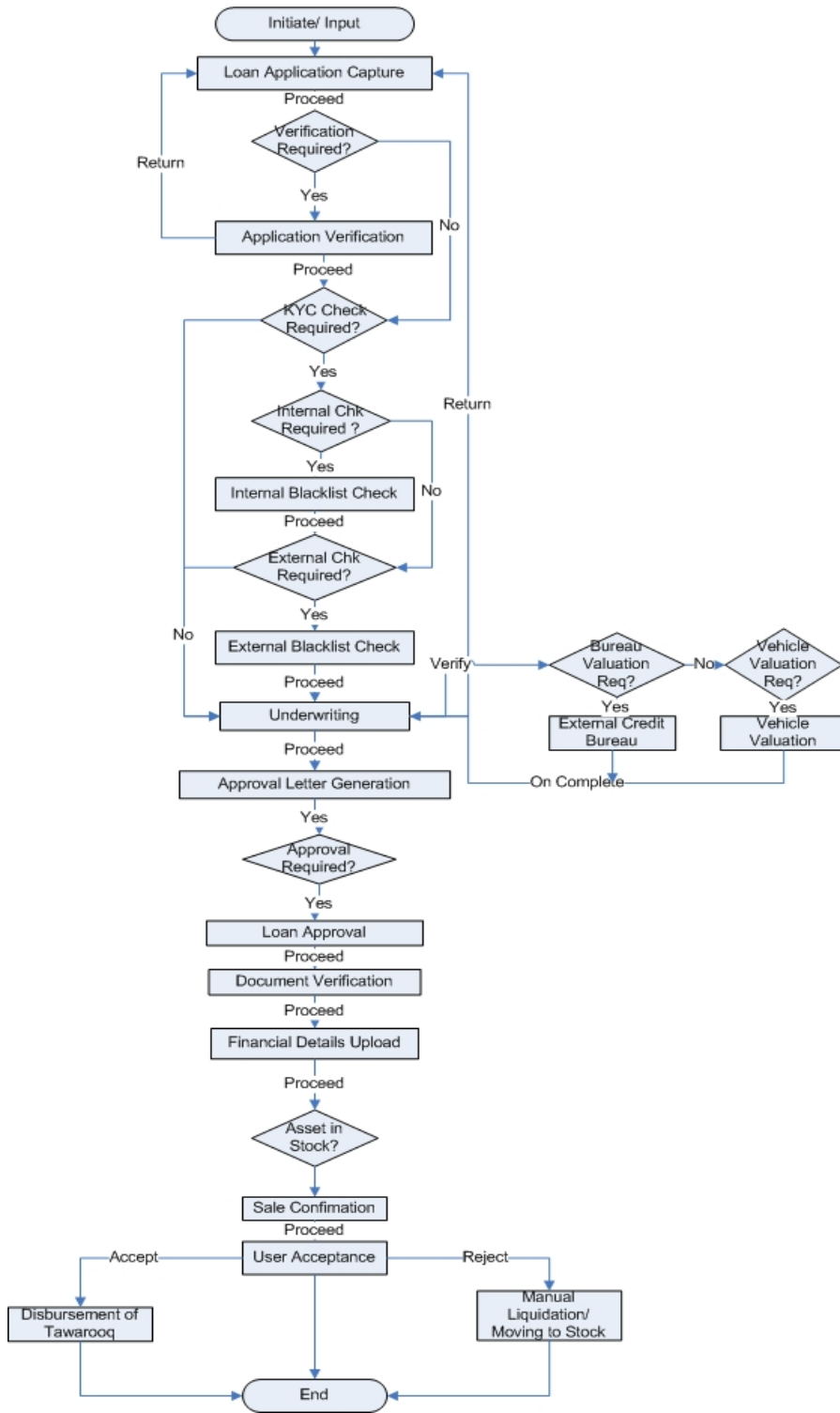
- Application Entry – the following details are captured in this stage
 - Applicant Information
 - Application details
 - Requested Finance Details
 - Collateral Details
 - Checklist
 - Documents
 - Advice Generation
- Application Verification
 - Information captured during 'Application Entry' stage is verified
 - Advice Generation
- Underwriting
 - Collateral Valuation Information
 - Applicant Financial Ratios
 - Applicant Credit Score
 - Applicant Bureau Report
 - Finance Offers
 - Finance Schedules
 - FINANCE Charges
 - Field Investigation
 - Document Capture
- Finance Approval
 - Information captured during Previous stages are verified
 - Advice Generation
- Document Verification
 - Information captured during Previous stages are verified
 - All documents obtained are verified against checklist
- Customer, Customer Account Contract / Collateral Creation

- Customer Creation
- Customer Account Creation
- Finance Account Creation
- Collateral Creation
- Sale Confirmation
- User Acceptance
- Disbursement of *Tawarooq*
- Manual Liquidation

The various tasks carried out in these stages will be explained in detail in the subsequent sections.

1.15.1 Process Flow Diagram

The process flow diagram given below illustrates the activities carried out during the different stages of the workflow.



1.15.2 Process Matrix

The process matrix given below lists out the different stages, the user role handling each stage, the function Ids involved and the exit points for each stage.

Stage	Stage Title	Description	Roles	Function Id	Exit point
-------	-------------	-------------	-------	-------------	------------

Stage	Stage Title	Description	Roles	Function Id	Exit point
1	Application Entry	The following details are captured as part of this stage Application Details Applicant Details Requested Finance Details Limits Information Collateral Details Check List User Defined Fields and Comments Document Capture	CEROLE	ORDTAWAE	PROCEED
2	Application Verification	The details captured as part of 'Application Entry' stage is verified	CMROLE	ORDTAWAV	PROCEED
3	Application Management Verification	The details captured as part of 'Application Entry' stage is verified if approval level is more than 1.		ORDTAWMV	PROCEED
4	Internal Blacklist Check	The Customer details captured as part of 'Application Entry' stage can be verified for Internal Blacklist check		ORDTAWKI	PROCEED
5	External Blacklist Check	The Customer details captured as part of 'Application Entry' stage can be verified for External Blacklist check		ORDTAWKE	PROCEED

Stage	Stage Title	Description	Roles	Function Id	Exit point
6	Underwriting	The following details are captured as part of this stage Applicant Financial Ratios Applicant Credit Score Applicant Bureau Report Finance Offers Finance Schedules Finance Charges Collateral Valuation Document Capture	CMROLE	ORDTAWUD	VERIFY, PROCEED
7	Finance Approval	Finance Approval	CMROLE	ORDTAWAR	PROCEED
8	Document Verification	Document Verification Final Verification Customer Creation Finance Account Creation	CMROLE	ORDTAWDV	PROCEED, REJECT, CANCEL
9	Customer / Finance / Collateral / Facility / Account Creation	The system task is used to create the following Customer creation <i>Tawarooq</i> Account Creation Facility Creation Collateral Creation Finance Creation	N/A	ORDTWCUS/ ORDTWLIA / ORDTWLOA / ORDTWCOL	RETRY OR TERMINATE
10	Sale Confirmation	The outcome of the sale confirmation of the underlying assets triggers the <i>Tawarooq</i> origination in the next stage.		ORDTWSAC	PROCEED

Stage	Stage Title	Description	Roles	Function Id	Exit point
11	User Acceptance	The outcome of the User acceptance on sale confirmation of the underlying assets triggers the <i>Tawarooq</i> origination in the next stage.		ORDTWUSA	ACCEPT, REJECT
12	Disbursement of <i>Tawarooq</i>	If outcome of the previous stage is ACCEPT the disbursement of <i>Tawarooq</i> for the underlying asset happens			N/A
13	Manual Liquidation	If outcome of the previous stage is REJECT the manual liquidation happens		ORDTWPMT	PROCEED

The stages are explained in detail in the sections that follow.

Step 1. Finance Application Details Entry Stage

In this stage, the bank receives an application for a finance along with the relevant documents and financial statements from a prospective customer. If the applicant does not have an account but intends to open one, the bank also obtains the account opening form and related documents as part of this activity.

The details related to the applicant, contact information, employment information, requested finance details, collateral details etc. are captured during this stage. Documents obtained from the applicant are uploaded and advices maintained for the stage are generated by the process after completion of the stage.

Users belonging to user role 'CEROLE' are authorized to perform these tasks.

You can key-in the finance application details required in '*Tawarooq* Application Entry' screen.

You can also invoke this screen by typing 'ORDTAWAE' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The Application Number is automatically generated by the system. You can capture the following details in the main screen:

Application Category

Specify the finance application category to be used or select the application category from the option list provided.

Product Code

Specify the *Tawarooq* product to be used for initiating the finance or select the product code from the option list provided.

Branch Code

The system displays the branch code here.

Lead ID

Specify the lead Id of the finance applicant or select the lead Id from the option list provided.

Enquiry ID

Specify an enquiry Id, if you wish to retrieve information on the finance offer selected by the customer. You can also select the ID from the adjoining option list. The list contains all the Enquiry IDs created for the customer as part of the finance simulation process.

Offline Application Number

Specify the offline application number, if the finance application has been created using the offline facility. You can also select the application number from the adjoining option list. The list contains all the application numbers for finance applications that have been created offline.

After specifying the finance number, click the 'Sync' button. All the details for the selected offline application will be displayed in this screen. You can modify the required details.

Application Number

Specify the application number of the customer.

User Reference Number

Specify the user reference number for the finance application.

Priority

Select the type of priority from the drop-down list provided. The following options are available:

- Low
- Medium
- High

Status

The status of the application gets displayed here.

Click 'Default' button to default the details related corresponding to the prospective finance customer.

1.15.3 Main Tab

The details corresponding to the lead Id selected gets displayed in the 'Main' tab, once you click the 'Default' button. You can modify these details if needed.

Channel

Specify the channel Id for the finance. The adjoining option list displays all valid channels maintained in the system. You can select the appropriate one.

Intermediary Code

Specify the intermediary code. The adjoining option list displays all valid intermediary code maintained in the system. You can select the appropriate one.

KYC Required

Check this box if the KYC is required.

For existing customers of the bank, you need to specify the following details:

Existing

Check this box to indicate if the customer applying for the finance is an existing customer of the bank.

Customer No

For existing customers you need to select the customer number from the option list provided.

Click 'Default' button to default the details of existing customers.

Type

Select the type of customer from the drop-down list provided. The following options are available:

- Primary
- Co Applicant

Customer Name

Specify the name of customer.

Short Name

Specify the short name of the customer.

National Id

Specify the notional identification of the customer.

Applicant Details**Country**

This is the country as given in the address of correspondence of this customer.

Language

As part of maintaining customer accounts and transacting on behalf of your customer,

Customer Category

In this category, you can classify customers of your bank.

Nationality

Specify the nationality of the customer.

Financial Currency

Specify the financial currency or select the financial currency from the option list provided.

Mobile Number

Specify the mobile number of the customer.

Landline Number

Specify the landline number of the customer.

E-mail

Specify the E-mail address of this customer.

Fax

Specify the fax number of the customer.

Retail

First Name

Specify the First name of the customer.

Middle Name

Specify the Middle name of the customer.

Last Name

Specify the Last name of the customer.

Salutation

Select the salutations of customer from the drop-down list provided. The following options are available:

- Mr.
- Mrs
- Miss
- Dr

Gender

Select the gender of the customer from the drop-down list provided. The following options are available:

- Male
- Female

Date of Birth

Specify the date of birth of the customer.

Mother Maiden Name

Specify the mother maiden name.

Passport Number

Specify the passport number of beneficial owner.

Passport Issue Date

Specify the issue date of the passport.

Passport Expiry Date

Specify the expiry date of the passport.

Marital Status

Indicate the marital status of the customer here. You may select one of the following from the list available here:

- Single

- Married
- ◆ Divorcee

Dependents

Specify the number of family members (children and others) who are dependent on the customer financially. You can indicate any number between 0 and 99.

Corporate

Incorp Date

Specify the date on which the customer's company was registered as an organization.

Capital

Specify the particular customer's various financial details like total Paid Up capital.

Net Worth

Specify the Net worth of the customer organization,

Business Description

Specify the nature of the business and the business activities carried out by the customer organization.

Country

Specify the Country of registration of the office of the corporate.

Account

Account Number

The account number gets generated when you click the 'P' button, after specifying the account class.

Account Class

Specify the account class or select the account class of the customer from the option list provided.

Click 'Default' button to view the account generation details through 'Account Number Generation' screen.

Account Number Generation

Account Class _____ Account Currency _____
Customer No _____ Account Currency Type _____
Account Code _____ Account Mask _____

Ok Cancel

1.15.3.1 Dedupe

You can verify if the customer details are duplicated by clicking the 'Dedupe' button. 'Duplicate Customer List' screen gets displayed where any duplicate customer details are displayed.

Duplicate Customers List

1 of 1 Go to Page

<input checked="" type="checkbox"/>	First Name	Last Name	Short Name	National Id	Customer Category	Date of Birth	E-mail
<input checked="" type="checkbox"/>							

Ok Cancel

You can enter the following details;

First Name

Specify the First name of the customer.

Last Name

Specify the Last name of the customer.

Short Name

Specify the short name of the customer.

National Id

Specify the National Identification Number of this customer.

Customer Category

In this category, you can classify customers of your bank.

Date of Birth

Specify the date of birth of the customer.

E-Mail

Specify the E-mail address of this customer.

Passport Number

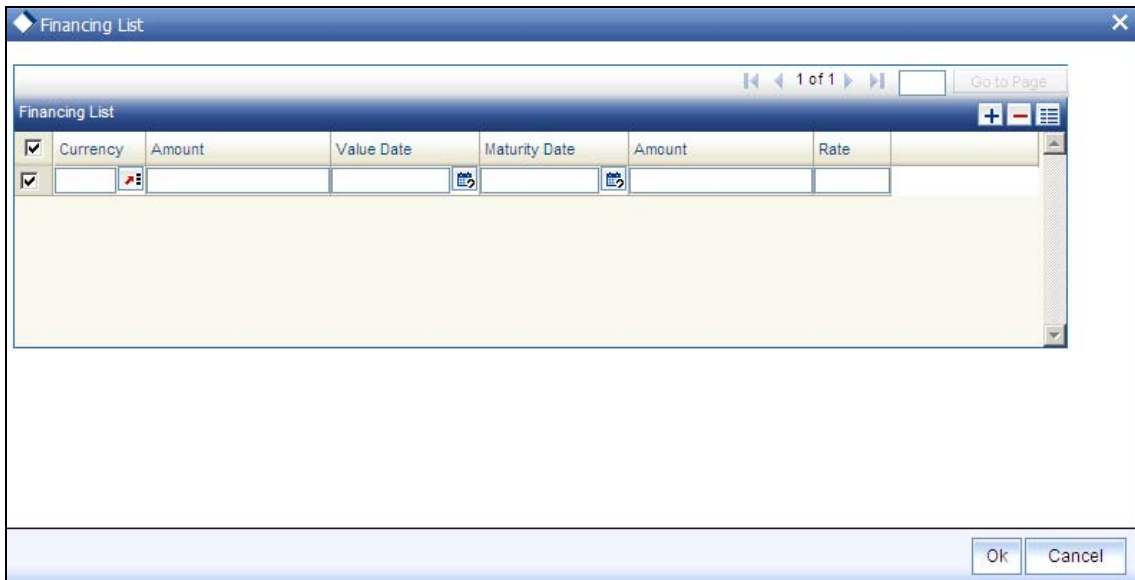
Specify the passport number of customer.

Mobile Number

Specify the customer's mobile phone number on which they can be reached any time.

1.15.3.2 Finance

You can view the existing finance for the customer by clicking the 'Finances' button against the Applicant record.



1.15.4 Details Tab

The address and employment related details of the customer corresponding to the Lead Id selected are displayed in this tab. You can modify these details if required.

The screenshot shows the 'Tawarooq Application Entry' window with the 'Details' tab selected. The form is divided into several sections:

- Header Fields:** Application Category, Product Code, Branch Code, Lead Id, Enquiry ID, Offline Application Number, Application Number (IslamicTawarooqAccount3267), User Reference, Priority (Low), and Status (New Application).
- Navigation:** Main, Details (selected), Financials, Requested, Limits, Collaterals, Comments.
- Address Details:** Address Type (Permanent), Mailing checkbox, Address Line 1, 2, 3, Country, Zip, and Contact Number.
- Employment Details:** Employer, Employment Type (Part Time), Occupation, Designation, Employee Id, Address Line 1, 2, 3, Country, Zip, Phone Number, Extension, Contact Phone, Contact Name, Contact Extension, Comments, and Department.
- Footer:** Documents, KYC Review, Home Asset, Vehicle Asset, Equipment Asset, Inventory Tracking, Prev Remarks, Remarks, Audit, Outcome, and Exit button.

In this screen, you can capture multiple address and employment details, if required.

1.15.5 Financials Tab

You can capture the financial details corresponding to the customer in this screen.

The screenshot shows the 'Tawaroq Application Entry' window with the 'Financials' tab selected. The top section contains various input fields: Application Category, Product Code, Branch Code, Lead Id, Enquiry ID, Offline Application Number, Application Number (IslamicTawaroqAccount3267), User Reference, Priority (Low), and Status (New Application). Below this is a navigation bar with tabs: Main, Details, Financials (selected), Requested, Limits, Collaterals, and Comments. The main content area is divided into three sections: 'Income Details', 'Liability Details', and 'Asset Details'. 'Income Details' has a table with columns: Income Type (Salary), Currency, Amount, and Frequency (Monthly). 'Liability Details' has a table with columns: Liability Type (Financing), Liability Sub Type, Frequency (Monthly), Currency, Amount, Account Balance, Start Date, and End Date. 'Asset Details' includes fields for Vehicle Type (Vehicle), Make, Model, Home, Address Line 1, and Address Line 2. At the bottom, there are tabs for Documents, KYC Review, Home Asset, Vehicle Asset, Equipment Asset, and Inventory Tracking. A 'Remarks' field and an 'Audit' button are also visible.

Income Details

You can capture the following details corresponding to the finance applicant's income:

Income Type

Select the type of income associated with the customer from the drop-down list provided. The following options are available:

- Salary
- Rent
- Business
- Others

Currency

Specify the currency in which the customer draws his income or select the currency from the option list provided.

Amount

Specify the amount that the customer draws as his income.

Frequency

Select the frequency at which the customer earns income. The following options are available in the drop-down list:

- Daily

- Weekly
- Monthly
- Quarterly
- Half Yearly
- Yearly

Liability Details

You can capture the following details corresponding to the finance applicant's liabilities:

Liability Type

Select the type of the liability from the following options provided in the drop-down list:

- Finance
- Lease
- Rent
- Others

Liability Sub Type

Specify the sub type corresponding to the liability.

Frequency

Select the frequency at which the customer pays his liability amount. The following options are available in the drop-down list:

- Daily
- Weekly
- Monthly
- Quarterly
- Half Yearly
- Yearly

Amount

Specify the amount that the customer pays as his liability.

Account Balance

Specify the balance associated with the liability account.

Start Date

Specify a start date for the liability or select the start date by clicking the 'Calendar' icon.

End Date

Specify an end date for the liability or select the end date by clicking the 'Calendar' icon.

Asset Details

Type

Select the type of the asset from the following options available in the drop-down list:

- Vehicle
- Home
- Others

Asset Sub Type

Specify the sub type associated with the asset.

Description

Specify a suitable description for the asset type.

Asset Value

Specify the value associated with the asset.

Vehicle

You can specify the following details for the asset type 'Vehicle'.

Make

Specify the make of the vehicle.

Model

Specify the model of the vehicle.

Manufacturing Year

Specify the year of manufacture of the vehicle.

Body

Specify the body details of the vehicle.

Reg#

Specify the registration number of the vehicle.

Home

Address Line 1-3

Specify the address of customer's residence in the three Address lines provided.

Width

Specify the width of the customer's residence.

Length

Specify the length of the customer's residence.

Occupancy

Specify the number of people who occupy of the customer's residence.

1.15.6 Requested Tab

The details related to the requested finance corresponding to the Lead Id selected are displayed in this tab. You can modify these details if required. If you have selected an 'Enquiry ID' for the customer, then the requested details that have been stored for the corresponding finance proposal are displayed here.

The screenshot shows the 'Tawarooq Application Entry' window with the 'Requested' tab selected. The form contains the following fields and controls:

- Application Category:** Text field with a dropdown arrow.
- Product Code:** Text field with a dropdown arrow.
- Branch Code:** Text field.
- Lead Id:** Text field with a dropdown arrow.
- Enquiry ID:** Text field with a dropdown arrow.
- Offline Application Number:** Text field with a dropdown arrow and a 'Default' button below it.
- Application Number:** Text field containing 'IslamicTawarooqAccount3267'.
- User Reference:** Text field.
- Priority:** Dropdown menu set to 'Low'.
- Status:** Dropdown menu set to 'New Application'.

Below the header fields is a tabbed interface with the following tabs: Main, Details, Financials, **Requested**, Limits, Collaterals, Comments.

The 'Requested' tab contains the following fields:

- Financing Requested:** Section header.
- Currency:** Text field with a dropdown arrow.
- Requested Amount:** Text field.
- Tenor (in Months):** Text field.
- Rate:** Text field.
- Hamish Jiddayah:** Text field.
- Promotion Id:** Text field.

At the bottom of the window is another set of tabs: Documents, KYC Review, Home Asset, Vehicle Asset, Equipment Asset, Inventory Tracking.

Below the tabs are the following fields and controls:

- Prev Remarks:** Text field.
- Remarks:** Text field.
- Audit:** Button.
- Outcome:** Dropdown menu.
- Exit:** Button.

You can also capture the following itemization details corresponding to the requested finance:

LoanFinance Requested

Currency

Specify the currency for transaction. The adjoining option list displays all valid currencies maintained in the system. You can select the appropriate one.

Requested Amount

Specify the amount requested corresponding to the itemization specified.

Tenor (In Months)

Enter the tenor in months.

Rate

Enter the profit rate of interest rate for the loanfinance.

Hamish Jiddayah

Specify the amount paid as *Hamish Jiddayah*.

Promotion Id

Specify a unique 4-character alphanumeric code to identify the promotion in the system..

1.15.7 Limits Tab

You can capture the details related to the limits provided by the customer in this tab.

The screenshot shows the 'Tawaroq Application Entry' window with the 'Limits' tab selected. The form is divided into several sections: 'Application Details' at the top with fields for Application Category, Product Code, Branch Code, Lead Id, Enquiry ID, Offline Application Number, Application Number (IslamicTawaroqAccount3267), User Reference, Priority (Low), and Status (New Application). Below this is a tabbed interface with 'Limits' selected. The 'Limits' section is further divided into 'Liability Details', 'Line Details', and 'Pool Details'. 'Liability Details' includes Liability No, Liability Name, Liability Branch, Liability Currency, and Overall Limit. 'Line Details' includes Line Code, Line Serial, Main Line Code, Line Currency, Expected Limit Amount, Collateral Amount, and Effective Line Amount Basis (with sub-fields for Effective Line Amount and Additional Line Amount). 'Pool Details' includes Pool Code (Default), Pool Description, Pool Currency, Pool Amount, and Pool Utilized. At the bottom, there are tabs for 'Documents', 'KYC Review', 'Home Asset', 'Vehicle Asset', 'Equipment Asset', and 'Inventory Tracking'. A 'Remarks' field, 'Audit' button, 'Outcome' dropdown, and 'Exit' button are also visible.

You can specify the following details here:

Liability Details

Liability Number

Specify the Liability Number. If the Liability Number is customer group then all customers under this group should have same Liability Number.

Liability Name

Specify the Liability Name here. A maximum of 35 characters are allowed in this field.

Liability Branch

Specify the branch in which liability is associated.

Liability Currency

Specify the currency with which the liability is associated. This cannot be changed post authorization.

Overall Limit

Specify the overall limit amount for that liability. Value entered in the field will be in the currency stated above. If liability is of customer group then overall limits stated will be common to all the customers.

Line Details

Line Code

Specify the Line Code to which the liability ID is to be associated with. Allocating credit limits for the Line-Liability combination can be done. The customer(s) who fall under this Liability Code will in turn avail credit facilities under this Credit line.

By linking a Credit Line to a Liability code the customer also gets linked to the Credit Line. This is true because a Liability code has been assigned to every credit seeking customer and the credit facilities granted to the customer are defined and tracked against this code.

Line Serial

Each time a customer - line code combination is specified, Oracle FLEXCUBE ELCM system assigns a unique serial number to the combination. This serial number is unique to the line-liability code combination. Thus, for every new record entered for a Line-Liability combination, a new serial number is generated. The Line - Liability - Serial number forms a unique combination.

Main Line Code

Specify the main line code. The adjoining option list displays all valid main line codes maintained in the system. You can choose the appropriate one.

Line Currency

Specify the currency in which the facility is defined. The currency that has been selected will have the following implications:

- The limit amount that has been specified for this Line-Liability combination is taken to be in this currency.
- The line that has been defined will be available for Utilization only in the line currency, unless specified otherwise under Currency Restrictions in this screen.

Once the entry is authorized you cannot change the currency.

If the limit allotted to this Line-Liability combination can be utilized by accounts and transactions in currencies other than the limit currency, the limit utilization will be arrived at by using the mid rate for the currency pair as of that day.

Expected Limit Amount

Enter the expected limit amount.

Collateral Amount

The system displays the collateral amount here.

Effective Line Amount Basis

For defining drawing power of line the elements mentioned below are treated as the basis for the effective line amount calculation.

- Limit Amount + Collateral Contribution
- Maximum Credit Turnover Allowed
- Minimum Limit

Effective Line Amount

The effective line amount basis will be validated for the following criteria:

- Effective line amount basis will be defaulted from the template
- Effective line amount basis will be made as a mandatory field
- Effective line amount basis will be allowed to change only before first authorization of line

The Effective Limit Amount can be modified only before the first authorization of the Line.

Additional Line Amount

Enter the effective line amount.

Pool Details

Pool Code

Specify the Pool Code here. The pool code assigned to each collateral pool can be linked to a Liability while creating credit limits.

Pool Description

Specify a brief description of the collateral pool here.

Pool Currency

Specify the currency in which the Collateral Pool has to be maintained.

Pool Amount

The entire Collateral Linked amount will be displayed in this field.

Pool Utilized

This field displays the pool amount that has been linked to a various credit lines, hence displaying the total pool amount utilized at any point in time.

1.15.8 Collaterals Tab

You can capture the details related to the collaterals provided by the customer in this tab.

The screenshot shows the 'Tawaroq Application Entry' window with the 'Collaterals' tab selected. The form is divided into several sections:

- Application Information:** Fields for Application Category, Product Code, Branch Code, Lead Id, Enquiry ID, Offline Application Number, Application Number (IslamicTawaroqAccount3267), User Reference, Priority (Low), and Status (New Application).
- Collateral Details:** Fields for Collateral Id, Collateral Description, Collateral Currency, Collateral Value, Start Date, End Date, Collateral Category, Collateral Type (Normal), Linked Percentage Number, Linked Amount, Haircut, Revision Date, Charge Type, Revaluation Date, and a checkbox for 'Revalue Collateral'.
- Market Value Based / Guarantor Based:** Fields for Security Id, Units / Nominal Value, Cap Amount, Guarantor Id, and Rating.
- Vehicle Details:** Fields for Identification Number, Year, Make, Model, Body, Usage, Valuation Source (None), and Valuation Status (Not Required).

At the bottom, there are tabs for 'Documents', 'KYC Review', 'Home Asset', 'Vehicle Asset', 'Equipment Asset', and 'Inventory Tracking'. Below these are fields for 'Prev Remarks', 'Remarks', an 'Audit' button, 'Outcome', and an 'Exit' button.

In this screen, specify the following details to facilitate vehicle evaluation:

Vehicle Details

You can capture the details of the vehicle which is to be evaluated in the following fields:

Identification Number

Enter the unique identification number associated with the vehicle.

Year

Specify the year of manufacture for the vehicle.

Make

Specify the make of the vehicle.

Model

Specify the vehicle model.

Body

Specify the vehicle body details.

Usage

Specify the mileage used by the vehicle till date.

These details will be used at the underwriting stage to evaluate the vehicle.

For more details on capturing Collateral details, refer the chapter titled 'Maintaining Collateral Details' in Enterprise Limits and Collateral Management user manual.

1.15.9 Vehicle Asset

Click 'Vehicle Asset' button 'Tawarooq Application Entry' screen to invoke 'Vehicle Asset' screen.

Here you can capture the following details:

Account Number

The account number is defaulted from the 'Account Details - Main' screen.

Asset Sequence Number

The system generates a sequence number for the asset and displays it here.

Status

The status of the asset is displayed here. The statuses available are 'Active' and 'Settled'. During account initiation the status will be 'Active'. Once the prepayment of the asset begins the asset will be completely settled. Then the status will change to 'Settled'. An asset can only be completely settled. No partial payment is allowed.

1.15.10 Capturing Vehicle Information

Asset Type

Select the type of asset from the drop-down list. The options available are:

- New - New Asset
- Used - Used Asset

Asset Category

Select the category to which the asset belongs from the option list. This list displays all options maintained using the 'Limits Type Maintenance' screen.

Application Number

Specify the application number for the asset here.

Color

Specify the color of the vehicle.

Class

Specify the class of the vehicle.

Number of Cylinder

Specify the number of cylinders for the vehicle. This has to be a numeric value.

Vehicle Condition

Describe the condition of the vehicle.

Vehicle Description

Enter a description for the vehicle. For example: Car, Van etc.

Make

Select the code indicating the make of the vehicle from the option list. All the vehicle maker codes, that you have maintained in the 'Vehicle Maker Details' screen, are listed for selection.

Sub Model

Select the sub-model of the vehicle from the adjoining option list. This list displays all models maintained using the 'Vehicle Maker Details' screen.

Year Model

Specify the year when the model was first launched.

Year of Manufacture

Specify the year in which the vehicle was manufactured.

Engine Number

Specify the engine number of the vehicle here. This can be an alphanumeric value.

Chassis Number

Specify the chassis number of the vehicle here.

1.15.11 Specifying Registration Details

Type

Specify the registration type here. You can choose from the following values in the adjoining drop-down list:

- S – Self
- TP – Third Party
- N - None

Name

Specify the name in which the vehicle is registered.

Emirate

Select the emirate in which the vehicle was registered, from the option list. All the emirates maintained using the 'Limits Type Maintenance' screen will be listed for you to select.

Registration Number

Specify the registration number of the vehicle here.

Date

Specify the date on which the vehicle was registered.

Delivery Date

Specify the date on which the vehicle was delivered.

1.15.12 Specifying Vendor Details

Vendor Code

Select the vendor code from the option list. All the vendor codes maintained using the 'Vendor Maintenance' screen, are listed for you to select.

Vendor Name

Once the Vendor code is selected the corresponding vendor name is defaulted here.

Agent Sales Staff Name

Specify the name of the agent sales staff.

Agent Name

Specify the name of the agent.

Agent Branch

Specify the agent branch.

1.15.13 Specifying Amount Details

Currency

Specify the currency of the account.

Requested Amount

Specify the amount requested to be financed.

% Amt Financed/Appraised Value

Specify the percentage of amount financed that is appraised.

1.15.14 Specifying Appraiser Details

Appraiser Name

Specify the name of the appraiser here.

Appraised Value

Specify the value appraised.

Appraisal Date

Specify the date on which the appraisal was done.

1.15.15 Specifying Total Amount Details

Downpayment

Specify the amount paid as down payment.

Vehicle Value

Specify the value of the vehicle.

Maintenance Cost

Specify the maintenance cost of the vehicle.

Insurance Amount

Specify the insurance amount for the vehicle.

Asset Finance Amount

Specify the amount financed for the asset.

1.15.16 Specifying Insurance Details

Insured By Bank

Check this box to indicate that the asset is insured by the bank.

Insurance Company

Select the name of the company through which the assets is insured.

Premium Amount

Specify the premium amount to be paid for the insurance.

1.15.17 Specifying Balance Details

Outstanding Principal

The outstanding principal on the account for this vehicle is displayed here.

Outstanding Profit

The outstanding profit on the account for this vehicle is displayed here.

1.15.18 Equipment Asset

Click 'Equipment Asset' button 'Tawarooq Application Entry' screen to invoke "Equipment Asset" screen.

Equipment Asset

Application Number: IslamicTawarooqAccount3267

Equipment Details

Asset Sequence Number: _____

Asset Status: Active

Owner: _____

Engine Number: _____

Description: _____

Currency: _____

Seller

Vendor Code: _____

Sell Date: _____

Invoice Number: _____

Invoice Date: _____

Equipment Location

Street: _____

Area: _____

City: _____

Country: _____

Down Payment: _____

Asset Finance Amount: _____

Balance Details

Outstanding Principal: _____

Equipment Evaluation Details

<input type="checkbox"/>	Evaluator Name	Evaluator Value	Evaluator date
--------------------------	----------------	-----------------	----------------

Ok Cancel

Here you can capture the following details:

Account Number

The account number is defaulted from the 'Account Details - Main' screen.

Asset Sequence Number

The system generates a sequence number for the asset and displays it here.

Status

The status of the asset is displayed here. The statuses available are 'Active' and 'Settled'. During account initiation the status will be 'Active'. Once the prepayment of the asset begins the asset will be completely settled. Then the status will change to 'Settled'. An asset can only be completely settled. No partial payment is allowed.

1.15.19 Specifying Equipment Details

Engine Number

Specify the engine number of the equipment here.

Equipment Location

Specify the location where the equipment is.

Street

Specify the name of the street where the equipment is.

Area

Select the area where the equipment is from the option list. The different areas that you have maintained using the 'Limits Type Maintenance' screen will be listed here for selection.

City

Select the city where the equipment is from the option list. The different cities that you have maintained using the 'Limits Type Maintenance' screen will be listed here for selection.

Country

Select the country where the equipment is from the option list. The different countries that you have maintained using the 'Limits Type Maintenance' screen will be listed here for selection.

Owners

Specify the name of the person who owns the equipment.

Description

Enter a description for the equipment.

Currency

Specify the currency of the account.

Downpayment

Specify the amount paid as down payment.

Asset Finance Amount

Specify the amount financed for the asset.

1.15.20 Specifying Seller Details

Vendor Code

Select the vendor code from the option list. All the vendor codes maintained using the 'Vendor Maintenance' screen is listed for you to select.

Vendor Name

The vendor name corresponding to the vendor code selected is displayed here.

Selling Date

Specify the date on which the equipment was sold.

Invoice Date

Specify the date on which the invoice was created.

Invoice Number

Specify the invoice number here.

1.15.21 Specifying Balance Details**Outstanding Principal**

The outstanding principal on the account for this equipment is displayed here.

Outstanding Profit

The outstanding profit on the account for this equipment is displayed here.

1.15.22 Specifying Evaluator Details**Name**

Specify the name of the evaluator here.

Value

Specify the evaluated value of the equipment.

Date

Specify the date of evaluation.

1.15.23 Property Asset

Click 'Home Asset' button 'Tawarooq Application Entry' screen to invoke 'Home Asset' screen.

The screenshot displays the 'Home Asset' application window. At the top, the 'Application Number' is 'IslamicTawarooqAccount3267'. The main section is divided into several tabs: 'Property Detail', 'Amount Detail', 'Vendor Details', and 'Insurance Details'. The 'Property Detail' tab is active, showing fields for 'Asset Sequence Number', 'Asset Status' (set to 'Active'), 'New Property Type' (set to 'Yes'), and various property attributes like 'Plot Number', 'Property Status', 'Property Area', 'Property Usage', 'Date of Completion', 'Title Deed Number', 'Registration Name', 'Title Deed Issue From', 'Registration Number', 'Registration Date', and 'Title Deed Issue Date'. Other fields include 'Villa/Apt. Number', 'Building compound Name', 'Street Name', 'Post Box No.', 'Emirate', 'Area in Emirate', 'Country', 'Mortgage Degree', and 'Lot Number'. Below these are 'Amount Detail' (Currency, Requested Amount, Down Payment Amount, Valuation, Insurance Value, Asset Finance Amount), 'Vendor Details' (Vendor Code), and 'Insurance Details' (Insurance Company, Insurance Paid By, Premium Amount, Insured Name, Expiry Date). There are also two data grids: 'Evaluation Details' with columns for 'Evaluator Name', 'Evaluation Value', and 'Evaluation Date'; and 'Vendor Details' with columns for 'Vendor Type', 'Vendor Code', 'Chosen By', 'Account Value', 'Account Date', 'Account Start Date', and 'Account End Date'. The 'Vendor Details' grid shows a row with 'Contractor' as the vendor type and 'Bank' as the chosen by. At the bottom, there is a 'Management' section with fields for 'Company Name', 'Managed By', 'Contact Person', and 'Contact Number'. The window ends with 'Ok' and 'Cancel' buttons.

Here you can capture the following details:

Account Number

The account number is defaulted from the 'Account Details - Main' screen.

Asset Sequence Number

The system generates a sequence number for the asset and displays it here.

Status

The status of the asset is displayed here. The statuses available are 'Active' and 'Settled'. During account initiation the status will be 'Active'. Once the prepayment of the asset begins the asset will be completely settled. Then the status will change to 'Settled'. An asset can only be completely settled. No partial payment is allowed.

1.15.24 Capturing Property Details

Property Type New

Select if the property is new or old. The options available are:

- Y - Yes
- N - No

Type of Property

Select the type of property from the option list. The types of properties that you have maintained using the 'Limits Type Maintenance' screen will be listed here for selection.

Description

Specify a description for the property.

Builder Name

Specify the name of the builder of the property.

Project Name

Specify the name of the project.

Building Name

Specify the name of the building for which finance is taken.

Wing Name

Specify the name of the wing in which the property is.

District/Area (Hoz Raqam)

Select the district or area within the selected Emirate by clicking on the option list. The different districts within the Emirates that you have maintained using the 'Limits Type Maintenance' screen will be listed here for selection.

City

Select the city where the property is by clicking on the option list. The different cities that you have maintained using the 'Limits Type Maintenance' screen will be listed here for selection.

Area in Another Country

Select the area in another country where the property is by clicking on the option list. The different areas in another country that you have maintained using the 'Limits Type Maintenance' screen will be listed here for selection.

Plot Number

Specify the plot number here.

Property Status

Specify the status of the property financed.

Property Area

Specify the area of the property.

Property Usage

Specify the usage of the property here. For example: Primary, Secondary etc.

Date of Completion

Specify the date of completion of the property construction.

Title Deed Number

Specify the title deed number. This has to be an alphanumeric value.

Registered on Name

Specify on whose name the property is registered.

Title Deed Issued From

Specify from where the title deed was issued.

Registration Number

Specify the registration number of the property here.

Date

Specify the date on which the property was registered.

Title Deed Issue Date

Specify the date on which the title deed was issued.

Villa/Apartment Number

Specify the number of the villa or the apartment.

Building Compound Name

Specify the name of the compound in which the building is located.

Street Name

Specify the name of the street in which the property is located.

PO Box

Specify the post office box number of the location where the property is located.

Emirate

Select the Emirate where the property is by clicking on the option list. The Emirates that you have maintained using the 'Limits Type Maintenance' screen will be listed here for selection.

Area within Emirate

Specify the area within the selected Emirate by clicking on the option list. The different areas with Emirate that you have maintained using the 'Limits Type Maintenance' screen will be listed here for selection.

Country

Specify the country where the property.

Mortgage Degree

Specify the degree of mortgage of the property.

Lot Number

Specify the lot number of the property.

1.15.25 Specifying Vendor Details**Vendor Code**

Select the vendor code from the option list. All the vendor codes maintained using the 'Vendor Maintenance' screen, are listed for you to select.

Vendor Name

The vendor name corresponding to the vendor code selected is displayed here.

1.15.26 Specifying Amount Details**Currency**

Specify the currency of the account.

Requested Amount

Specify the amount requested for finance.

Downpayment

Specify the amount paid as down payment.

Property Value

Specify the value of the property here.

Insurance Value

Specify the amount for which the property is insured.

Asset Finance Amount

Specify the amount financed for the asset.

1.15.27 **Specifying Insurance Details**

Insurance Company

Select the name of the company from which insurance coverage is taken for the property.

Insurance Paid By

Specify by whom the insurance for the property is paid.

Premium Amount

Specify the premium amount to be paid for the insurance.

Insured Name

Specify on whose name the insurance is taken.

Insurance Expiry Date

Specify the date on which the insurance expires.

1.15.28 **Specifying Evaluator Details**

Name

Specify the name of the evaluator in this field.

Value

Specify the evaluation value in this field.

Date

Specify the date of evaluation in this field.

1.15.29 **Specifying Balance Details**

Outstanding Principal

The outstanding principal on the finance contract for this property is displayed here.

Outstanding Profit

The outstanding profit on the finance contract for this property is displayed here.

Vendor Type

Select the vendor type from the drop-down list. The options available are:

- C - Contractor
- N - Consultant
- P - Project Manager

Chosen By

Select by whom the property is chosen from the drop-down list. The options available are:

- B - Bank

- C - Customer

Code

Select the vendor code from the options list available.

Name

The name of the vendor is displayed here.

Account Value

Specify the value of the account here.

Date

Specify the date of the contract here.

Construction Start Date

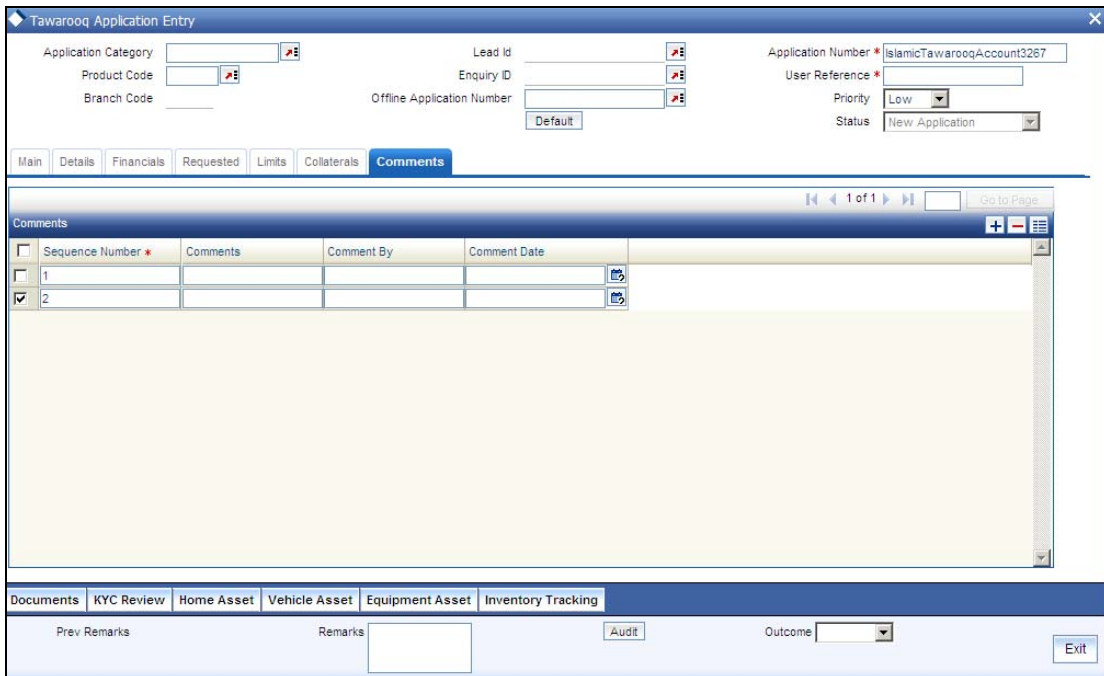
Specify the date on which the construction of the property started.

Proposed Completion Date

Specify the proposed date of completion of the property.

1.15.30 Comments Tab

In this tab, you can specify comments, if any, related to the finance application.



You can specify the following details here:

Sequence Number

The sequence number is automatically generated by the system.

Comments

Specify comments, if any, to be associated with the finance application.

Comment Type

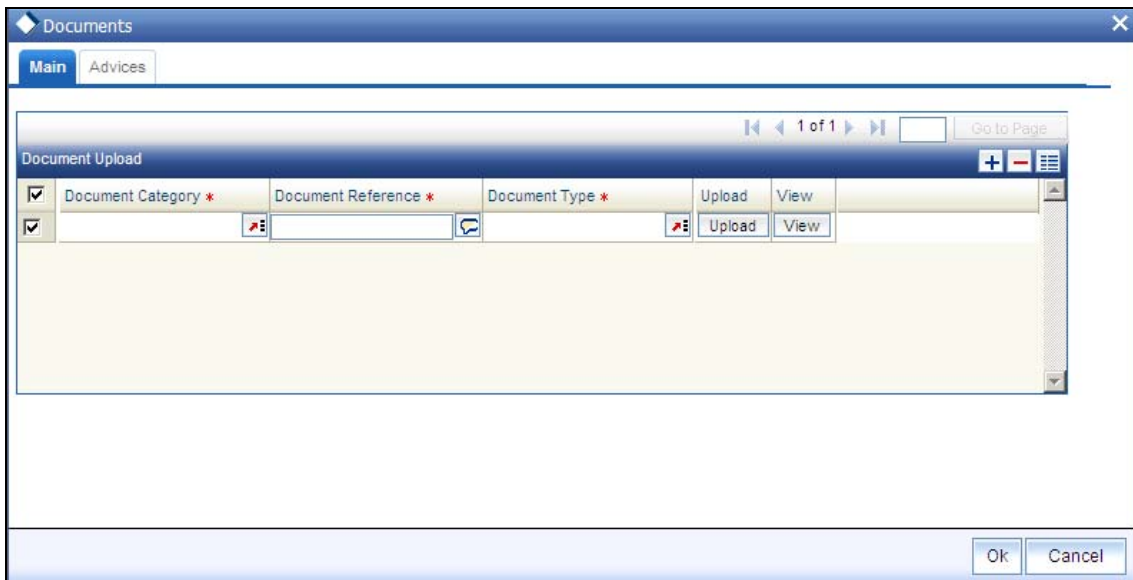
Specify the type of the comment given.

Comment Date

Specify the date on which the comment was given or select the date by clicking the 'Calendar' icon.

1.15.31 Capturing Document Details

You can upload the scanned documents in 'Documents' sub screen. To invoke this screen, click 'Documents' button in *Tawarooq* Application Entry screen.



The screenshot shows a software window titled 'Documents' with a 'Main' tab and an 'Advices' tab. Below the tabs is a 'Document Upload' section. At the top of this section, there are navigation controls showing '1 of 1' and a 'Go to Page' field. Below that is a table with the following columns: 'Document Category *', 'Document Reference *', 'Document Type *', 'Upload', and 'View'. The first two columns have dropdown menus with a red arrow icon. The 'Upload' and 'View' columns have buttons with the same text. There are also 'Upload' and 'View' buttons in the second row of the table. At the bottom right of the window are 'Ok' and 'Cancel' buttons.

You can capture the following details in this screen:

Document Category

Specify the category to which the document belongs or select the document category from the option list provided.

Document Reference Number

Specify a unique reference number for the document being uploaded.

Document Type

Specify the type of the document or select the document type from the option list provided.

Click 'Upload' button to upload the documents or 'View' button to view the documents.

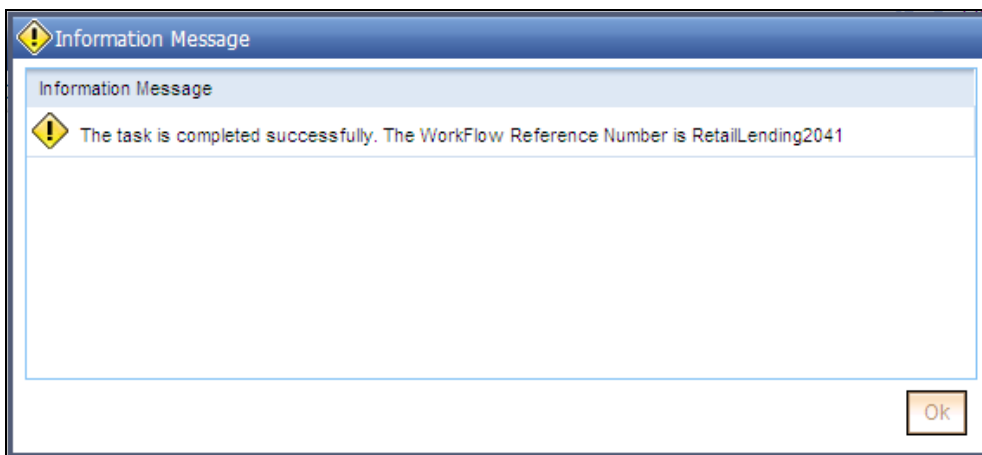
After specifying the mandatory details in Application Entry screen, select the 'Outcome' that you wish in the lower portion of the screen. To move to the next stage select 'PROCEED' as the outcome and click the 'Save' icon. You can select 'CANCEL' to terminate the process, if required.

The following validations are carried out in this stage:

- If any of the mandatory documents are missing, the system displays an error message
- If any of the override documents are missing, the system displays an override message
- If any mandatory customer information is missing, the system displays error messages

You will not be able to proceed to the next stage without correcting the errors, if any.

On successful completion a message, stating that the task is successfully completed, gets displayed.

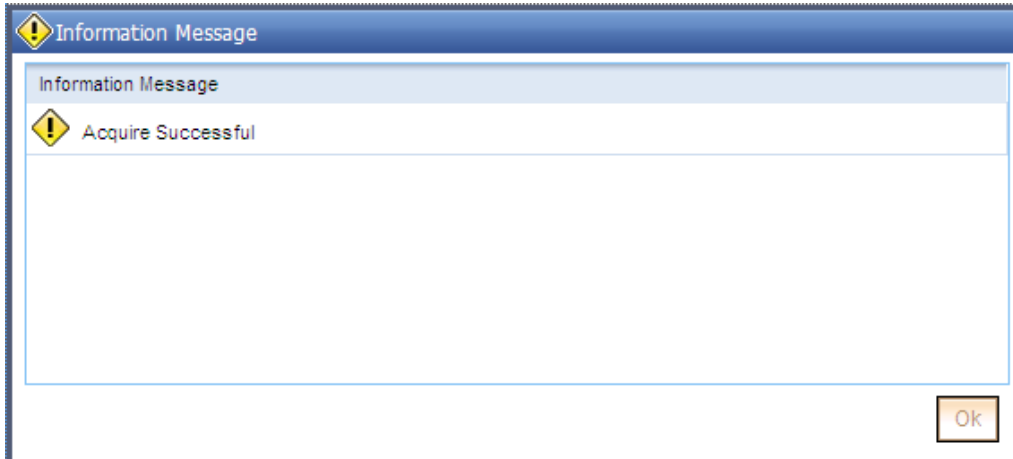


To acquire the next stage, you need to go to the 'Task' menu and select 'Assigned' under 'Standard' option.

Workflow Ref No	Txn Ref No	Title	Assignee Group	Assignee Users	Customer Name	Amount	Creation Date	Priority
RetailLending1362	-	Document Verification	ALLROLES.ALLREAD				2010-06-29 20:13:10 IST	Low
RetailLending1461	-	Application Entry	ALLROLES.ALLREAD				2010-07-01 18:41:27 IST	
RetailLending1464	-	Application Entry	ALLROLES.ALLREAD				2010-07-01 18:57:11 IST	
OpenSavingsAccount1465	-	Receive And Verify	ALLROLES.RCSEROLE.ALLREAD				2010-07-01 19:06:37 IST	
OpenCurrentAccount1466	-	RecieveandVerifyCustDetails	ALLROLES.ALLREAD				2010-07-01 19:07:20 IST	
RetailLending1467	-	Application Entry	ALLROLES.ALLREAD				2010-07-01 19:07:44 IST	
RetailLending1469	-	Application Entry	ALLROLES.ALLREAD				2010-07-01 19:45:10 IST	
RetailLending1471	-	Application Entry	ALLROLES.ALLREAD				2010-07-01 19:55:02 IST	
RetailLending1384	-	Document Verification	ALLROLES.ALLREAD				2010-07-02 11:24:34 IST	Low
RetailLending1478	-	Undervriting	ALLROLES.ALLREAD				2010-07-02 14:14:12 IST	Low

All tasks that have been successfully completed are listed in the right side of the screen. Select the checkbox against your 'Workflow Ref No' and click 'Acquire' button at the top of the screen to acquire the next stage of the task.

The following message gets displayed on successful acquisition of the task.



Click 'Ok' to proceed to the next stage. To select the acquired task for the next stage, select 'Acquired' under 'Standard' option in the 'Task' menu. All the tasks that have been successfully acquired are displayed in the right side of the screen. Search for your workflow reference number and click the 'Workflow Ref No' to open 'Tawarooq Finance Application Verification' screen.

Step 2. Application Verification Stage

The information captured in the previous stage is verified in the Application Verification stage. Application verification is carried out by the user role 'CMROLE'.

You can key-in the finance application details required in 'Tawarooq Application Verification' screen.

You can also invoke this screen by typing 'ORDTAWAV' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The details related to the finance application entry are displayed in this screen, which can be verified by the verifier. The details cannot be modified in this stage, but comments can be added appropriately. On completion of this stage, the advices that are maintained for the stage are generated.

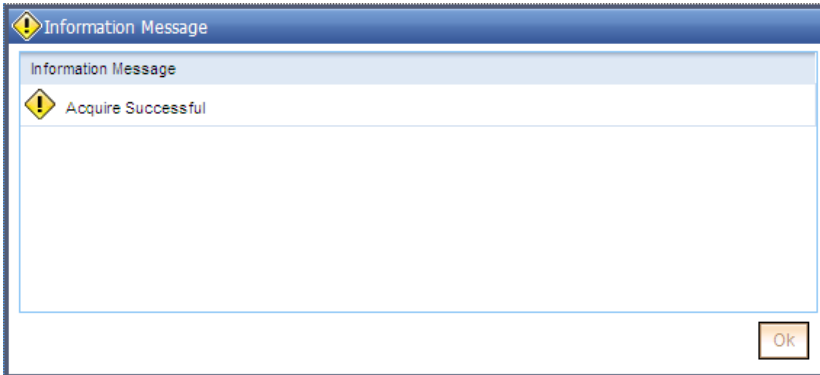
The verifier can either send the application back to the previous stage if the information provided is not adequate or can cancel it if the information captured is not satisfactory.

If the application details are verified successfully, the verifier can proceed with the processing of the application by selecting 'PROCEED' as the Outcome. The verifier can select 'REJECT' to return the process to previous stage for data correction or 'CANCEL' to terminate the process.

On successful verification a message, stating that the task is successfully completed, gets displayed.

To acquire the next stage, you need to go to the 'Task' menu and select 'Assigned' under 'Standard' option. All tasks that have been successfully completed are listed in the right side of the screen. Select the checkbox against your 'Workflow Ref No' and click 'Acquire' button at the top of the screen to acquire the next stage of the task.

The following message gets displayed on successful acquisition of the task.



Step 3. Application Management Verification Stage

The information captured in the previous stage is verified for the second time and for second level approval in the Application management Verification stage. Application verification is carried out by the user role 'CMROLE'.

You can key-in the finance application details required in 'Tawaroq Application Management Verification' screen. You can also invoke this screen by typing 'ORDTAWMV' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The screenshot shows the 'Tawaroq Application Management Verification' application window. At the top, there are input fields for 'Application Category', 'Product Code', 'Branch Code', 'Lead Id', 'Enquiry ID', 'Offline Application Number', 'Application Number *', 'User Reference *', 'Priority' (set to 'Low'), and 'Status' (set to 'New Application'). Below these are tabs for 'Main', 'Details', 'Financials', 'Requested', 'Limits', 'Collaterals', and 'Comments'. The 'Main' tab is active, showing fields for 'Date', 'Channel', 'Intermediary Code', and a 'KYC Required' checkbox. A table titled 'Applicant Details' is visible, with columns for 'Existing', 'Customer No', 'Default', 'Type', 'Customer Name', 'Short Name *', 'National Id', 'De-dupe', and 'Finances'. Below the table are fields for 'Country *', 'Nationality *', 'Language *', 'Customer Category *', 'Financial Currency *', 'Mobile Number *', 'Landline Number', 'E-mail', 'Retail' (with sub-fields for 'First Name', 'Middle Name', 'Last Name', 'Salutation' (set to 'Mr.'), 'Gender' (set to 'Male'), 'Date of Birth', 'Mothers Maiden Name', 'Passport Number'), and 'Corporate' (with sub-fields for 'Incorp Date', 'Capital', 'Net Worth', 'Business Description', 'Country', 'Account', 'Account Number', 'Branch Code'). At the bottom, there are tabs for 'Documents', 'KYC Review', 'Home Asset', 'Vehicle Asset', 'Equipment Asset', and 'Inventory Tracking'. The 'Equipment Asset' tab is selected, showing 'Prev Remarks', 'Remarks' (with a text area), 'Audit', 'Outcome' (with a dropdown), and an 'Exit' button.

The details related to the finance application entry are displayed in this screen, which can be verified by the verifier. The details cannot be modified in this stage, but comments can be added appropriately. On completion of this stage, the advices that are maintained for the stage are generated.

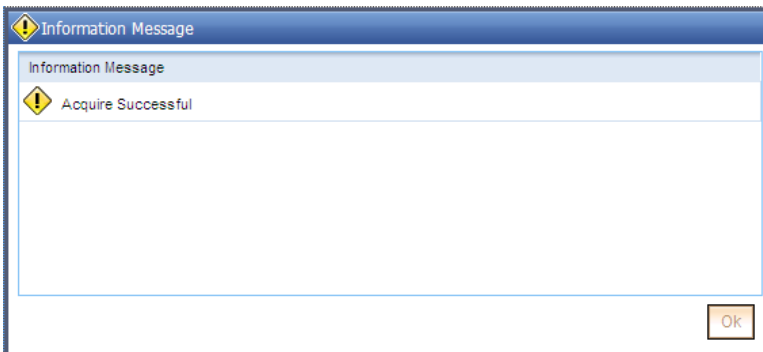
The verifier can either send the application back to the previous stage if the information provided is not adequate or can cancel it if the information captured is not satisfactory.

If the application details are verified successfully, the verifier can proceed with the processing of the application by selecting 'PROCEED' as the Outcome. The verifier can select 'REJECT' to return the process to previous stage for data correction or 'CANCEL' to terminate the process.

On successful verification a message, stating that the task is successfully completed, gets displayed.

To acquire the next stage, you need to go to the 'Task' menu and select 'Assigned' under 'Standard' option. All tasks that have been successfully completed are listed in the right side of the screen. Select the checkbox against your 'Workflow Ref No' and click 'Acquire' button at the top of the screen to acquire the next stage of the task.

The following message gets displayed on successful acquisition of the task.



Step 4. Internal Blacklist Check Stage

The information against an Internal Black list of customers is verified in Internal blacklist check stage.

Only users belonging to the 'CEROLE' (Compliance Executive) can perform this task. If you have requisite rights, acquire it from the list by clicking the 'Acquire' button adjoining the desired task. The following screen will be displayed. You can also invoke 'Tawarooq KYC Internal Review' screen by typing 'ORDTAWKI' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The task will be moved to the 'Assigned' task list. Go to the 'Assigned' task list and double-click on the record to invoke the following screen.

The system displays all the customers associated with the finance application with internal status displaying whether the customer information is available or not.

Click 'KYC Review' button to view all customer information and check against black listed customer lists.

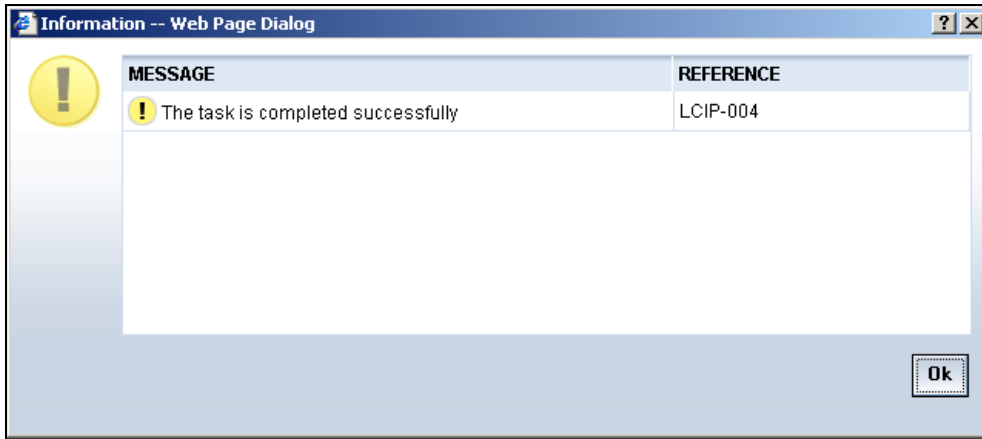
You can perform a check on the customer record against the blacklisted customer database. You need to query on the records using all or a combination of the following criteria:

- Customer Number
- First Name
- Last Name

- Date Of Birth
- Country
- Internal
- Internal Remarks
- External
- External Remarks
- SDN status
- Review

Click the 'Query' button to view all records that match the specified criteria.

If the customer details do not match any of the displayed records, select the action 'CLEARED' from the drop-down list adjoining the 'Audit' button. Click the 'Save' icon in the tool bar to save the record. The following screen will be displayed.



Step 5. External Blacklist Check Stage

The information against an external Black list of customers is verified in external blacklist check stage.

Only users belonging to the 'CEROLE' (Compliance Executive) can perform this task. If you have requisite rights, acquire it from the list by clicking the 'Acquire' button adjoining the desired task. The following screen will be displayed. You can also invoke 'Tawarooq KYC External Review' screen by typing 'ORDTAWKE' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The task will be moved to the 'Assigned' task list. Go to the 'Assigned' task list and double-click on the record to invoke the following screen.

The system displays all the customers associated with the finance application with internal status displaying whether the customer information is available or not.

Click 'KYC Review' button to view all customer information and check against black listed customer lists.

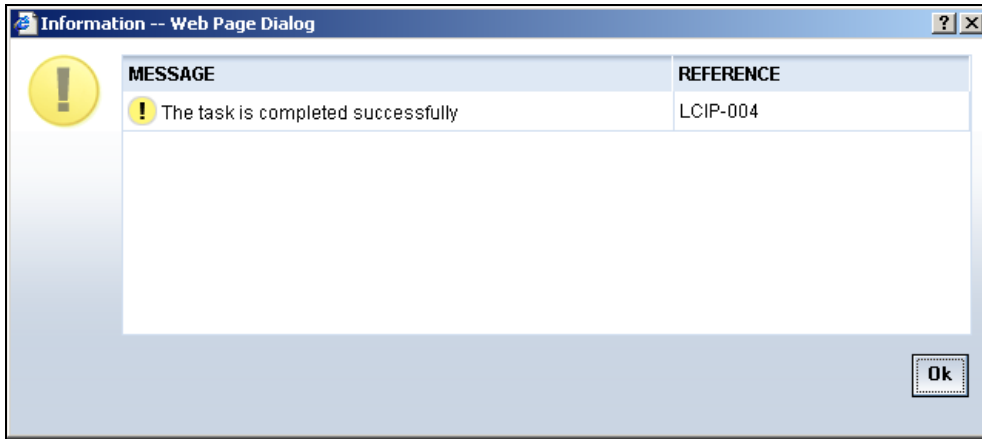
You can perform a check on the customer record against the blacklisted customer database. You need to query on the records using all or a combination of the following criteria:

- Customer Number
- First Name
- Last Name

- Date Of Birth
- Country
- Internal
- Internal Remarks
- External
- External Remarks
- SDN status
- Review

Click the 'Query' button to view all records that match the specified criteria.

If the customer details do not match any of the displayed records, select the action 'CLEARED' from the drop-down list adjoining the 'Audit' button. Click the 'Save' icon in the tool bar to save the record. The following screen will be displayed.



Click 'Ok' to proceed to the next stage. To select the acquired task for the next stage, select 'Acquired' under 'Standard' option in the 'Task' menu. All the tasks that have been successfully acquired are displayed in the right side of the screen. Search for your workflow reference number and click the 'Workflow Ref No' to open 'Tawaroog Finance Underwriting' screen.

Step 6. Underwriting

In this stage, the bank assesses the eligibility of the borrower for the requested finance offer, based on the analysis of the borrower's financial ratios and credit scores. The bank also obtains credit details from external agencies and field investigation agencies. The tasks in underwriting stage are also carried out by the user role 'CMROLE'.

You can key-in the finance application details required in 'Tawaroog Underwriting' screen. You can also invoke this screen by typing 'ORDTAWUD' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

After ascertaining the eligibility of the customer, the bank provides multiple finance offers for the borrower and uses one offer chosen by the customer to generate payment schedule and schedule details. The advices that are maintained for the stage are generated on completion of the stage.

In this stage, the bank also conducts vehicle evaluation based on the details that have been captured at the 'Application Entry' stage. This evaluation can be done with details from an external agency in the collateral tab.

1.15.32 Collateral Tab

You can carry out the evaluation of vehicles in the collateral tab. Here, the details provided as part of the 'Application Entry' stage are defaulted, which you can modify. The evaluation can be done by interfacing with external agencies.

In this screen, capture the following details:

Vehicle Details

You can modify the details of the vehicle which is to be evaluated in the fields listed below.

Identification Number

Enter the unique identification number associated with the vehicle.

Year

Specify the year of manufacture for the vehicle.

Make

Specify the make of the vehicle.

Model

Specify the vehicle model.

Body

Specify the vehicle body details.

Usage

Specify the mileage used by the vehicle till date.

You can retrieve vehicle details from an external agency either by specifying the identification number for the vehicle or all of the following fields:

- Year
- Make
- Model
- Body
- Usage

Valuation Source

Select the valuation source from the adjoining drop-down list. The options are:

- INTERNAL
- NONE

Select 'INTERNAL' if you wish the evaluation to be done by interfacing with an external agency.

Status

Select the status from the adjoining drop-down list. The options are:

- RECOMMENDED
- NOT RECOMMENDED
- COMPLETE
- NO DATA

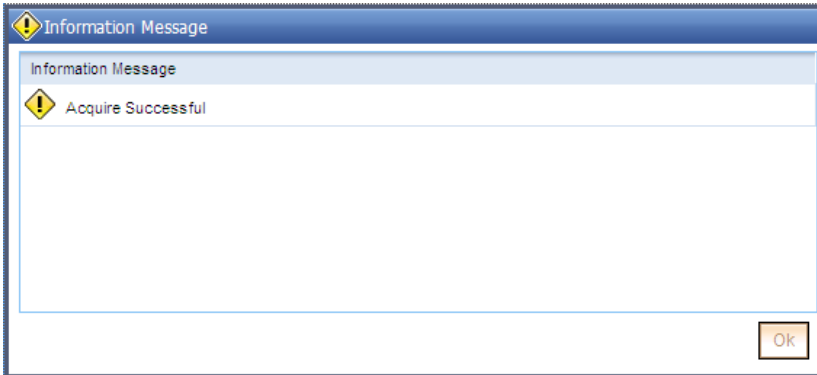
The evaluation will be done only if the valuation source is selected as 'INTERNAL' and the status is 'RECOMMENDED'. For any other combination of values for the two fields, the system will display an error message and will not proceed with the evaluation till the values are set as specified above.

After entering the required details, select 'VERIFY' as the Outcome and click 'Save'. If you have indicated that evaluation should be done you will not be allowed to select 'PROCEED' or 'CANCEL' as the Outcome till the verification has been successfully done.

The system will display a message stating that the task is successfully completed on saving the record.

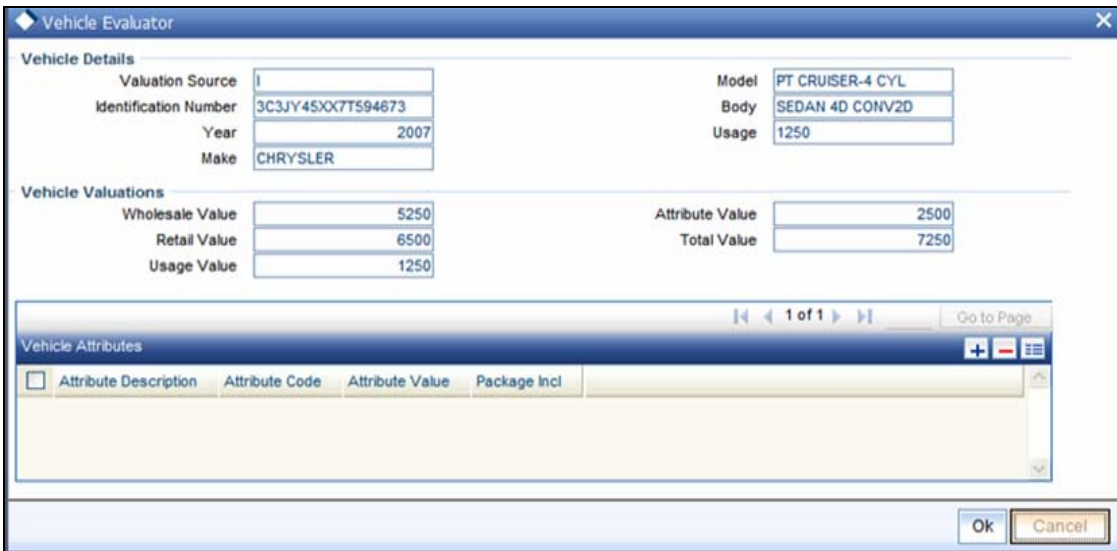
To acquire the next stage, you need to go to the 'Task' menu and select 'Assigned' under 'Standard' option. All tasks that have been successfully completed are listed in the right side of the screen. Select the checkbox against your 'Workflow Ref No' and click 'Acquire' button at the top of the screen to acquire the next stage of the task.

The following message gets displayed on successful acquisition of the task.



Click 'Ok' to proceed to the next stage which will again be the underwriting stage. To select the acquired task for the next stage, select 'Acquired' under 'Standard' option in the 'Task' menu. All the tasks that have been successfully acquired are displayed in the right side of the screen. Search for your workflow reference number and click the 'Workflow Ref No' to open 'Tawarooq Finance Underwriting Stage' screen.

The system will invoke the external valuation agency for vehicle evaluation. You can view the details in the collateral tab. In the collateral tab, click the 'Evaluate' button. The system will check for the data within the FLEXCUBE database. If there are none for the corresponding vehicle, it will try to obtain the details from the external agency and display them in the 'Vehicle Evaluator' screen.



In this screen, you can view the information available for the vehicle based on the information provided by you. If the information in this screen matches the details available in the system database for the same vehicle, the status is updated to 'COMPLETED' in the collateral tab. If it does not match, then the status is updated to 'NO DATA'.

Once the verification is completed, you can select the Outcome as 'PROCEED' and move to the next stage.

For more details on capturing Collateral details, refer the chapter titled 'Maintaining Collateral Details' in Enterprise Limits and Collateral Management user manual.

1.15.33 Credit Score Tab

The credit score tab is used to calculate the credit score details of the customer. You can also interface with external Credit engines and display recommendations and report. Internal Credit engine obtains information from customer and calculates credit score and displays system recommendation.

The screenshot shows the 'Tawaroq Underwriting' application window with the 'Credit Score' tab selected. The interface includes several input fields for application details, a navigation menu, and two data tables for 'Internal Credit Rating' and 'Risk Factor Details'. A 'Calculate' button is visible on the right side of the 'Internal Credit Rating' section.

Category	Question	Answer

Risk Factor	Description

The set of questions used to assess the credit rating of a prospective finance customer, associated Rule Id are displayed in this screen. You can specify the following details here:

Answer

Specify the answer to be associated with the question used for calculating the credit score.

Risk Factor

Specify the risk factor associated with the finance, if any.

Description

Specify a suitable description for the risk factor associated with the finance.

Click 'Calculate' button to calculate the credit score and the grade, based on the formula maintained for calculating the credit score. The 'Grade' and the 'Score' are displayed based on this calculation.

1.15.34 Bureau Tab

You can interface with external credit bureaus and view report obtained from them in 'Bureau' tab. Based on the reports that are obtained from the external bureaus, the underwriter determines whether to approve the finance to the customer or not.

The screenshot shows the 'Tawaroq Underwriting' application window. At the top, there are several input fields for 'Application Category', 'Product Code', 'Branch Code', 'Lead Id', 'Enquiry ID', 'Offline Application Number', 'Application Number *', 'User Reference *', 'Priority', and 'Status'. Below these fields is a navigation bar with tabs: 'Main', 'Details', 'Financials', 'Requested', 'Limits', 'Collaterals', 'Credit Score', 'Bureau' (selected), 'Ratio', 'Financing', 'Schedule', 'Charges', 'Investigation', 'Check List', and 'Comments'. The main content area is titled 'External Credit Rating' and contains a 'Recommended' dropdown menu set to 'Not Recommended', a 'Remarks' field, and a 'Status' dropdown menu set to 'Not Required'. There is also a 'Report' button. At the bottom of the window, there is a 'Documents' section with tabs for 'KYC Review', 'Home Asset', 'Vehicle Asset', 'Equipment Asset', and 'Inventory Tracking'. Below this is a 'Prev Remarks' field, a 'Remarks' text area, an 'Audit' button, an 'Outcome' dropdown menu, and an 'Exit' button.

The credit agencies and the bureaus maintained for the Application Category are displayed in this screen: You can capture the remarks and recommendations from these agencies in this tab. You can also view the credit report obtained from the agencies and bureaus.

Credit Bureau Details

Customer Id

The identification of the finance customer gets displayed here.

Bureau

The credit bureau maintained for the Application Category in 'Application Category Maintenance' gets displayed here.

Status

Select the status for the credit bureau check from the following options in the drop-down list:

- Completed
- Pending

Remarks

Specify remarks, if any, associated with the finance application.

External Credit Rating

External Agency

Specify the external agency that you want to use for the evaluation,. If you do not specify a value here, the system will display an error message.

Recommended

Select the recommendation of the credit agency for the finance requested from the following options provided in the drop-down list:

- Recommended
- Not Recommended

Remarks

Specify remarks, if any, associated with the finance application.

Status

The following statuses are available:

- Initiated
- Completed

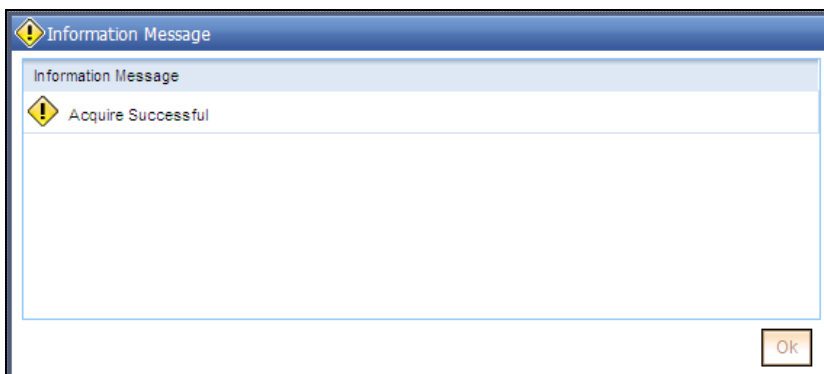
The evaluation will be done only if the external agency has been specified and the 'Recommended' field has the value 'Recommended' status is 'RECOMMENDED'. For any other combination of values for the two fields, the system will display an error message and will not proceed with the evaluation till the values are set as specified above.

After entering the required details, select 'VERIFY' as the Outcome and click 'Save'. If you have indicated that evaluation should be done you will not be allowed to select 'PROCEED' or 'CANCEL' as the Outcome till the verification has been successfully done.

The system will display a message stating that the task is successfully completed on saving the record.

To acquire the next stage, you need to go to the 'Task' menu and select 'Assigned' under 'Standard' option. All tasks that have been successfully completed are listed in the right side of the screen. Select the checkbox against your 'Workflow Ref No' and click 'Acquire' button at the top of the screen to acquire the next stage of the task which will be the underwriting stage again.

The following message gets displayed on successful acquisition of the task.



Click 'Ok' to proceed to the next stage. To select the acquired task for the next stage, select 'Acquired' under 'Standard' option in the 'Task' menu. All the tasks that have been successfully acquired are displayed in the right side of the screen. Search for your workflow reference number and click the 'Workflow Ref No' to open 'Tawarooq Underwriting' screen.

The system will invoke the external valuation agency for credit evaluation. You can view the details in the bureau tab. This includes the score assigned by the agency for the customer.

In this screen, you can view the information available for the customer by clicking the 'Report' button under the field 'Status' in the External Credit Rating section. If the information is available, the status is updated to 'COMPLETED' in the collateral tab. If it does not match, then the status is updated to 'NO DATA'.

Once the verification is completed, you can select the Outcome as 'PROCEED' and move to the next stage.

You can click 'Report' button adjacent to credit rating record or credit bureau record to view the report obtained from the credit rating agency or the credit bureau.

The following reports can be viewed:

Summary1

Creditbureau Report

Report Header

Bureau	TEST1	Credit Report Id	3
First Name	Mani	Report Dt	2009-10-10
MI	M	Unique Id	1422314
Last Name	M	Onfile Dt	2009-10-10
Birth Dt	1976-10-02		<input checked="" type="checkbox"/> Best Match

Summary1 | Summary2 | Trade Lines | Public Records | Collections | Fraud Messages | Inquiries | Also Known As | Consumer Statement | Credit Scores

Bankruptcy

Life		Recent	Open
Chapter7	0	Chapter7	0
Chapter11	0	Chapter11	0
Chapter13	0	Chapter13	0
Total	0	Total	0

Cancel

Summary 2

Creditbureau Report

Report Header

Bureau	TEST1	Credit Report Id	3
First Name	Mani	Report Dt	2009-10-10
MI	M	Unique Id	1422314
Last Name	M	Onfile Dt	2009-10-10
Birth Dt	1976-10-02		<input checked="" type="checkbox"/> Best Match

Summary1 | Summary2 | Trade Lines | Public Records | Collections | Fraud Messages | Inquiries | Also Known As | Consumer Statement | Credit Scores

Inquiries

Auto	0	6M	0
Bank	0	12M	0
Card	0	24M	0
Retail	0	Total	0
Loan Finance	0	Newest	0
Sales Finance	0	Oldest	0

Cancel

Trade Lines

Creditbureau Report

Report Header

Bureau TEST1 Credit Report Id 3
 First Name Mani Report Dt 2009-10-10
 MI M Unique Id 1422314
 Last Name M Onfile Dt 2009-10-10
 Birth Dt 1976-10-02 Best Match

Summary1 Summary2 **Trade Lines** Public Records Collections Fraud Messages Inquiries Also Known As Consumer Statement Credit Scores

Trade Lines 1 of 1 Go to Page

<input type="checkbox"/>	Creditors Name	Status	Type	Type Code	Past Due Amt	Balance	Balance Dt	Op
<input checked="" type="checkbox"/>	RAMESH	Initiated	Bank	B	0.00	35,000.00	2007-10-08	20C
<input type="checkbox"/>	SURESH	Completed	Bank	B	0.00	35,000.00	2008-10-08	20C

Cancel

Public Records

Creditbureau Report

Report Header

Bureau TEST1 Credit Report Id 3
 First Name Mani Report Dt 2009-10-10
 MI M Unique Id 1422314
 Last Name M Onfile Dt 2009-10-10
 Birth Dt 1976-10-02 Best Match

Summary1 Summary2 Trade Lines **Public Records** Collections Fraud Messages Inquiries Also Known As Consumer Statement Credit Scores

Public Records 1 of 1 Go to Page

<input type="checkbox"/>	Record Type	Status	Amount	Filed Dt	Satisfied Dt
<input checked="" type="checkbox"/>	Annual	Completed	250,000.00	2009-10-10	2010-10-02
<input type="checkbox"/>	Annual	Completed	350,000.00	2009-11-10	2010-10-06

Cancel

Collections

Creditbureau Report

Report Header

Bureau TEST1 Credit Report Id 3
 First Name Mani Report Dt 2009-10-10
 MI M Unique Id 1422314
 Last Name M Onfile Dt 2009-10-10
 Birth Dt 1976-10-02 Best Match

Summary1 Summary2 Trade Lines Public Records **Collections** Fraud Messages Inquiries Also Known As Consumer Statement Credit Scores

Collections 1 of 1 Go to Page

<input type="checkbox"/>	Creditors Name	Account #	Acct Balance	High Balance	Term Type	Balance Dt	Open Dt	La
<input checked="" type="checkbox"/>	RAMESH	324324234	35,000.00	100,000.00	Monthly	2009-10-08	2007-10-11	201
<input type="checkbox"/>	SURESH	57567745	35,000.00	200,000.00	Monthly	2009-10-08	2008-10-10	201

Cancel

Fraud Messages

Creditbureau Report

Report Header

Bureau	TEST1	Credit Report Id	3
First Name	Mani	Report Dt	2009-10-10
MI	M	Unique Id	1422314
Last Name	M	Onfile Dt	2009-10-10
Birth Dt	1976-10-02	<input checked="" type="checkbox"/> Best Match	

Summary1 Summary2 Trade Lines Public Records Collections **Fraud Messages** Inquiries Also Known As Consumer Statement Credit Scores

1 of 1

Fraud Messages

<input type="checkbox"/>	Product	Message	
<input checked="" type="checkbox"/>	Fraud Message	No Fraud Message Found	
<input type="checkbox"/>	Fraud Message	No Fraud Message	

Cancel

Inquiries

Creditbureau Report

Report Header

Bureau	TEST1	Credit Report Id	3
First Name	Mani	Report Dt	2009-10-10
MI	M	Unique Id	1422314
Last Name	M	Onfile Dt	2009-10-10
Birth Dt	1976-10-02	<input checked="" type="checkbox"/> Best Match	

Summary1 Summary2 Trade Lines Public Records Collections Fraud Messages **Inquiries** Also Known As Consumer Statement Credit Scores

1 of 1

Inquiries

<input type="checkbox"/>	Inquirer Name	Inquirer Subscriber #	Inquirer Industry Code	Inquiry Dt	Rate Shopping	Duplicate
<input checked="" type="checkbox"/>	RAMESH	1234	IND	2010-10-08	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	SURESH	123467	IND	2010-10-08	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Cancel

Also Known As

Creditbureau Report

Report Header

Bureau	TEST1	Credit Report Id	3
First Name	Mani	Report Dt	2009-10-10
MI	M	Unique Id	1422314
Last Name	M	Onfile Dt	2009-10-10
Birth Dt	1976-10-02	<input checked="" type="checkbox"/> Best Match	

Summary1 Summary2 Trade Lines Public Records Collections Fraud Messages Inquiries **Also Known As** Consumer Statement Credit Scores

1 of 1

Also Known As

<input type="checkbox"/>	First Name	MI	Last Name	Suffix	Spouse First Name
<input checked="" type="checkbox"/>	RAMESH	R	R	Mr	
<input type="checkbox"/>	SURESH	S	S	Mr	Rani

Cancel

Consumer Statements

Creditbureau Report

Report Header

Bureau	TEST1	Credit Report Id	3
First Name	Mani	Report Dt	2009-10-10
MI	M	Unique Id	1422314
Last Name	M	Onfile Dt	2009-10-10
Birth Dt	1976-10-02	<input checked="" type="checkbox"/> Best Match	

Summary1 | Summary2 | Trade Lines | Public Records | Collections | Fraud Messages | Inquiries | Also Known As | **Consumer Statement** | Credit Scores

Consumer Statement (1 of 1)

Reported Dt	Text
<input checked="" type="checkbox"/> 2010-10-10	Completed
<input type="checkbox"/> 2010-10-09	Completed

Cancel

Credit Score Details

Creditbureau Report

Report Header

Bureau	TEST1	Credit Report Id	3
First Name	Mani	Report Dt	2009-10-10
MI	M	Unique Id	1422314
Last Name	M	Onfile Dt	2009-10-10
Birth Dt	1976-10-02	<input checked="" type="checkbox"/> Best Match	

Summary1 | Summary2 | Trade Lines | Public Records | Collections | Fraud Messages | Inquiries | Also Known As | Consumer Statement | **Credit Scores**

Credit Scores

Score Model	Applicant Verification	Score Factor	No issue with Applicant D
Score	500		

Cancel

1.15.35 Ratios Tab

In the 'Ratios' tab, the system calculates the stated and actual income/debt ratios and also calculates the ratio based on 'What if payment amount'.

The screenshot shows the 'Tawaroq Underwriting' application window. The 'Ratios' tab is selected in the top navigation bar. The interface is divided into several sections:

- Header Fields:** Application Category, Product Code, Branch Code, Lead Id, Enquiry ID, Offline Application Number, Application Number, User Reference, Priority, and Status.
- Navigation Tabs:** Main, Details, Financials, Requested, Limits, Collaterals, Credit Score, Bureau, **Ratio**, Financing, Schedule, Charges, Investigation, Check List, Comments.
- Stated Section:** Monthly Income, Monthly Debt.
- Actual Section:** Monthly Income, Monthly Debt.
- What if Payment Amt:** Input field and 'Update Ratios' button.
- Calculate Ratios:** A button to calculate the ratios.
- Ratios Table:** A table with columns: Ratios, Stated Before, Stated After, Actual Before, Actual After. The table is currently empty.
- Bottom Navigation:** Documents, KYC Review, Home Asset, Vehicle Asset, Equipment Asset, Inventory Tracking.
- Bottom Bar:** Prev Remarks, Remarks, Audit, Outcome, Exit.

The stated income and debt of the customer are displayed here You can capture the following additional details here.

Actual

Monthly Income

Specify the actual monthly income of the customer based on documentary proof provided.

Monthly Debt

Specify the actual monthly debt of the customer based on documentary proof provided.

Click 'Calculate Ratios' button to calculate the asset/ liability ratios for the customer.

What if Pmt Amt

Specify the EMI amount that the customer is ready to pay.

Click 'Update Ratio' button to update the asset/ liability ratios for the customer, taking into account the EMI payments also.

The ratios for Installment, Finance To Value and Disposable Income are calculated for the following conditions:

- Stated Before
- Stated After

- Actual Before
- Actual After

1.15.36 Financing Tab

In the 'Financing' tab, the system displays the list of the multiple finance offers that are attached to the application category specified. If you have selected an 'Enquiry ID' for the customer, then the finance details that have been stored for the corresponding finance proposal are displayed here. You can modify these details, if required.

The screenshot shows the 'Tawarooq Underwriting' application window. At the top, there are several input fields for 'Application Category', 'Product Code', 'Branch Code', 'Lead Id', 'Enquiry ID', 'Offline Application Number', 'Application Number', and 'User Reference'. Below these are dropdown menus for 'Priority' (set to 'Low') and 'Status' (set to 'New Application'). A navigation bar contains tabs for 'Main', 'Details', 'Financials', 'Requested', 'Limits', 'Collaterals', 'Credit Score', 'Bureau', 'Ratio', 'Financing' (selected), 'Schedule', 'Charges', 'Investigation', 'Check List', and 'Comments'. Below the navigation bar is a 'Multiple Offers' table with columns: Offer Id, No of Installments, Unit, Frequency, Rate, Rate Code, Spread, Effective Rate, Check, and Apply. One offer is listed with 'Monthly' unit and 'Apply' button. Below the table is the 'Financing Details' section with fields for 'Financing Currency', 'Financing Amount', 'Profit Rate', 'Account Number', 'Installation Start Date', 'Hamish Jiddayah', 'Value Date', 'Maturity Date', 'No of Installments', 'Unit' (set to 'Monthly'), 'Frequency', and 'Asset in Stock' checkbox. At the bottom, there are tabs for 'Documents', 'KYC Review', 'Home Asset', 'Vehicle Asset', 'Equipment Asset', and 'Inventory Tracking'. A 'Remarks' field and an 'Audit' button are also visible.

The details related to the finance offer like the number of installments, frequency, unit, profit rate etc. are displayed here. Select the required offer by clicking the 'Check' option and click then click the 'Apply' button to apply the selected finance offer. The details corresponding to the selected finance offer are displayed in 'Finance Details' section. You can modify these details, if required, and click 'Apply' button to calculate the schedule details.

The payment schedules are derived based on the offer selected.



You can select only one finance offer in this screen.

1.15.37 Schedule Tab

In 'Schedule' tab, the system calculates and displays the payment schedules and the schedule details based on the finance offer selected.

If you have selected an 'Enquiry ID' for the customer, then the schedule details that have been stored for the corresponding finance proposal are displayed here. You can modify them, if required.

The screenshot displays the 'Tawarooq Underwriting' application window. At the top, there are several input fields for 'Application Category', 'Product Code', 'Branch Code', 'Lead Id', 'Enquiry ID', 'Offline Application Number', 'Application Number *', 'User Reference *', 'Priority', and 'Status'. Below these fields is a navigation bar with tabs for 'Main', 'Details', 'Financials', 'Requested', 'Limits', 'Collaterals', 'Credit Score', 'Bureau', 'Ratio', 'Financing', 'Schedule', 'Charges', 'Investigation', 'Check List', and 'Comments'. The 'Schedule' tab is currently selected.

The 'Schedule' section contains a table with the following columns: Component Name, Schedule Type *, First Due Date, No, Frequency, Units, and Amount. A single row is visible with 'Payment' as the component name, 'Payment' as the schedule type, and 'Monthly' as the units.

The 'Details' section contains a table with the following columns: Component Name, Due Date *, Amount Due, EMI amount, and Amortized Principal. A single row is visible with empty fields for the details.

At the bottom of the window, there are tabs for 'Documents', 'KYC Review', 'Home Asset', 'Vehicle Asset', 'Equipment Asset', and 'Inventory Tracking'. Below these tabs are fields for 'Prev Remarks', 'Remarks', an 'Audit' button, an 'Outcome' dropdown menu, and an 'Exit' button.

The following details related to the schedule are displayed here:

- Component name
- Schedule type
- First due date
- Number
- Frequency
- Units
- Amount

For each component of the components listed, the system calculates and displays the details like the Due Date, Amount Due, EMI Amount and Amortized Principal.

1.15.38 Charges Tab

In 'Charges' tab, the system calculates and displays charges, if any applicable.

The screenshot shows the 'Tawarooq Underwriting' application window. At the top, there are input fields for Application Category, Lead Id, Application Number, Product Code, Enquiry ID, User Reference, Branch Code, Offline Application Number, Priority, and Status. Below these is a navigation bar with tabs: Main, Details, Financials, Requested, Limits, Collaterals, Credit Score, Bureau, Ratio, Financing, Schedule, **Charges**, Investigation, Check List, and Comments. The 'Charges' tab is active, displaying a table with the following columns: Component Name, Schedule Date, Event Code, Currency, Amount, and Waive. The 'Waive' column contains a checkbox. Below the table is a 'Remarks' field and an 'Audit' button. At the bottom, there is an 'Outcome' dropdown and an 'Exit' button.

The system calculates and displays the charge details associated with the finance. The following details are displayed:

- Component Name
- Event Code
- Associated currency
- Amount

Waive

Check this box to waive the charges associated with the finance.

1.15.39 Investigation Tab

In this tab, the system captures the field investigation details associated with the customer.

The screenshot displays the 'Tawarooq Underwriting' application window. At the top, there are several input fields for application details: Application Category, Product Code, Branch Code, Lead Id, Enquiry ID, Offline Application Number, Application Number, User Reference, Priority (set to Low), and Status (set to New Application). Below these fields is a navigation bar with tabs: Main, Details, Financials, Requested, Limits, Collaterals, Credit Score, Bureau, Ratio, Financing, Schedule, Charges, Investigation (selected), Check List, and Comments. The main content area features a table titled 'Invest' with columns: Verification Type, Agency, Status, and Report. The table contains one row with a checkmark in the first column and a 'Report' button in the last column. Below the table, there are fields for 'Prev Remarks', 'Remarks', an 'Audit' button, an 'Outcome' dropdown menu, and an 'Exit' button.

The following details related to the customer can be captured here:

- Verification Type
- Verification agency

You can view the investigation report associated with the customer by clicking the 'Report' button.

1.15.40 Checklist Tab

In this tab, the system lists the checklists that are associated with the application category.

The screenshot displays the 'Tawarooq Underwriting' application window. At the top, there are several input fields for application details: Application Category, Product Code, Branch Code, Lead Id, Enquiry ID, Offline Application Number, Application Number, User Reference, Priority (set to Low), and Status (set to New Application). Below these fields is a navigation bar with tabs: Main, Details, Financials, Requested, Limits, Collaterals, Credit Score, Bureau, Ratio, Financing, Schedule, Charges, Investigation, **Check List**, and Comments. The 'Check List' tab is active, showing a table with the following columns: Check List Id, Description, Verified, and Comments. The table contains one row with a checked checkbox in the 'Check List Id' column and an unchecked checkbox in the 'Verified' column. Below the table, there are tabs for Documents, KYC Review, Home Asset, Vehicle Asset, Equipment Asset, and Inventory Tracking. At the bottom, there are fields for Prev Remarks, Remarks, an Audit button, Outcome, and an Exit button.

The following details are displayed in this screen:

- Checklist Id
- Description

Verified

Check this box to indicate that checklist maintained has been verified for the customer.

Comments

Specify comments, if any, associated with the finance application.

1.15.41 Comments Tab

In this tab, you can capture the comments by the users.

The screenshot shows the 'Tawaroq Underwriting' application window. At the top, there are several input fields for 'Application Category', 'Product Code', 'Branch Code', 'Lead Id', 'Enquiry ID', 'Offline Application Number', 'Application Number *', 'User Reference *', 'Priority', and 'Status'. Below these fields is a navigation bar with tabs: 'Main', 'Details', 'Financials', 'Requested', 'Limits', 'Collaterals', 'Credit Score', 'Bureau', 'Ratio', 'Financing', 'Schedule', 'Charges', 'Investigation', 'Check List', and 'Comments'. The 'Comments' tab is selected. The main area displays a table with the following columns: 'Sequence Number *', 'Comments', 'Comment By', and 'Comment Date'. The table contains three rows, with the third row selected. Below the table is a large text area for entering comments. At the bottom of the window, there is a navigation bar with tabs: 'Documents', 'KYC Review', 'Home Asset', 'Vehicle Asset', 'Equipment Asset', and 'Inventory Tracking'. Below this bar, there is a 'Prev Remarks' field, a 'Remarks' text box, an 'Audit' button, an 'Outcome' dropdown menu, and an 'Exit' button.

You can capture the following details:

Comments

Specify comments, if any, to be associated with the finance application.

Comment Type

Specify the type of the comment given.

Comment Date

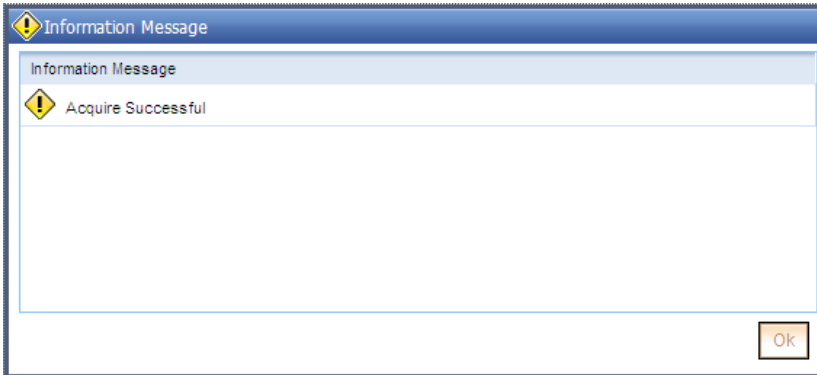
Specify the date on which the comment was given or select the date by clicking the 'Calendar' icon.

If the underwriting stage is successfully completed, the underwriter can proceed with the processing of the application by selecting 'PROCEED' as the Outcome. The underwriter can select 'REJECT' to return the process to previous stage for data correction or 'CANCEL' to terminate the process.

On successful completion a message, stating that the task is successfully completed, gets displayed.

To acquire the next stage, you need to go to the 'Task' menu and select 'Assigned' under 'Standard' option. All tasks that have been successfully completed are listed in the right side of the screen. Select the checkbox against your 'Workflow Ref No' and click 'Acquire' button at the top of the screen to acquire the next stage of the task.

The following message gets displayed on successful acquisition of the task.



Click 'Ok' to proceed to the next stage. To select the acquired task for the next stage, select 'Acquired' under 'Standard' option in the 'Task' menu. All the tasks that have been successfully acquired are displayed in the right side of the screen. Search for your workflow reference number and click the 'Workflow Ref No' to open 'Tawarooq Approval' screen.

Step 7. Finance Approval Stage

In the Finance Approval stage, the approver verifies the finance application, analyzes the applicant's financial status, credit rating and field investigation reports and based on the credit worthiness of the customer approves the finance offered to the customer.

You can key-in the finance application details required in 'Tawarooq Application Approval' screen. You can also invoke this screen by typing 'ORDTAWAR' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

Users belonging to user role 'CMROLE' are authorized to perform these tasks.

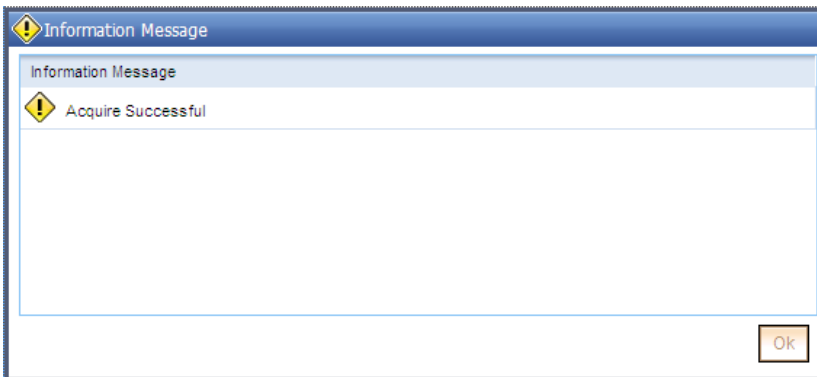
The approver can send the application back to the previous stage if the information provided is not adequate or choose to cancel it if the information captured is not satisfactory.

If the application details are verified successfully, the approver can proceed with the processing of the application by selecting 'PROCEED' as the Outcome. The approver can select 'RETURN' to return the process to previous stage for data correction or 'CANCEL' to terminate the process.

On successful completion, a message stating that the task is successfully completed gets displayed.

To acquire the next stage, you need to go to the 'Task' menu and select 'Assigned' under 'Standard' option. All tasks that have been successfully completed are listed in the right side of the screen. Select the checkbox against your 'Workflow Ref No' and click 'Acquire' button at the top of the screen to acquire the next stage of the task.

The following message gets displayed on successful acquisition of the task.



Click 'Ok' to proceed to the next stage. To select the acquired task for the next stage, select 'Acquired' under 'Standard' option in the 'Task' menu. All the tasks that have been successfully acquired are displayed in the right side of the screen. Search for your workflow reference number and click the 'Workflow Ref No' to open 'Tawarooq Document Verification' screen.

Any advices maintained for this stage are generated after the completion of the stage.

1.16 **Message Generation**

In this stage generation of offer letter and sending the contractual agreements takes place.

Step 8. Document Verification Stage

In the Document Verification stage, the documents captured in the previous stages are verified. It is ensured that all documents in the checklist maintained are obtained from the customer. In this stage, the application and applicant information captured as part of the previous stages undergoes a final verification.

Users belonging to user role 'CMROLE' are authorized to perform these tasks.

You can key-in the Finance application details required in 'Tawarooq Document Verification' screen.

You can also invoke this screen by typing 'ORDTAWDV' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The verifier can choose to send the application back to the previous stage if the information provided is not adequate or choose to cancel it if the information captured is not satisfactory.

If the applicant, application and document details are verified successfully, the verifier can proceed with the processing of the application by selecting 'PROCEED' as the Outcome. The verifier can select 'RETURN' to return the process to underwriting stage for data correction or 'CANCEL' to terminate the process.

On successful completion, a message stating that the task is successfully completed gets displayed. The customer, customer account, collateral etc. are created in the system on completion of the Document verification stage.

Step 9. Customer, Finance, Collateral, Facility, Account Creation

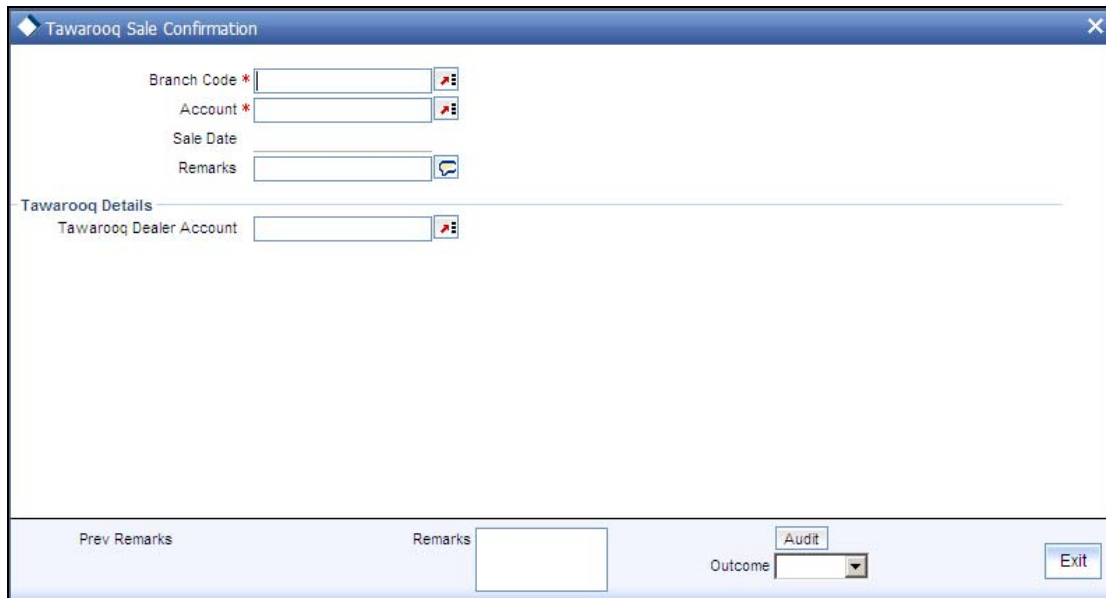
In this final stage, the finance and collateral are created. Customer is also created if the applicant is a new customer. Customer account is also created if information is captured for the same.

The system creates a Customer / Finance / Collateral / Facility / Account in Oracle FLEXCUBE with details captured from previous stages. A user in manager level role handles this stage. The creation of customer, collateral and finance can be verified in ORDTWCUS/ ORDTWLIA / ORDTWLOA / ORDTWCOL screens respectively.

If everything is found acceptable, select the action 'PROCEED' in the textbox adjoining the 'Audit' button in this screen and save the record by clicking the 'Save' icon in the tool bar. The following screen will be displayed.

Step 10. Sale Confirmation Stage

In this stage the sale confirmation of the underlying assets generate the *Tawarooq* origination through 'Tawarooq Sale Confirmation' screen. You can invoke this screen by typing 'ORDTWSAC' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.



The screenshot shows a software window titled "Tawarooq Sale Confirmation". Inside the window, there are several input fields and buttons. At the top, there are three fields: "Branch Code *" with a dropdown arrow, "Account *" with a dropdown arrow, and "Sale Date". Below these is a "Remarks" field with a speech bubble icon. A horizontal line separates the top section from the "Tawarooq Details" section, which contains a "Tawarooq Dealer Account" field with a dropdown arrow. At the bottom of the window, there are several controls: a "Prev Remarks" button, a "Remarks" field, an "Audit" button, an "Outcome" dropdown menu, and an "Exit" button.

You can maintain the following details:

Branch Code

You can specify the branch code from the option list.

Account Number

You can specify the account number of the customer from the option list. The option list displays all the authorized, uninitiated accounts of the product whose 'Sale Confirmation Required' option is checked in the 'Preference' screen.

Sale Date

In this field the current application date will get defaulted.

Remarks

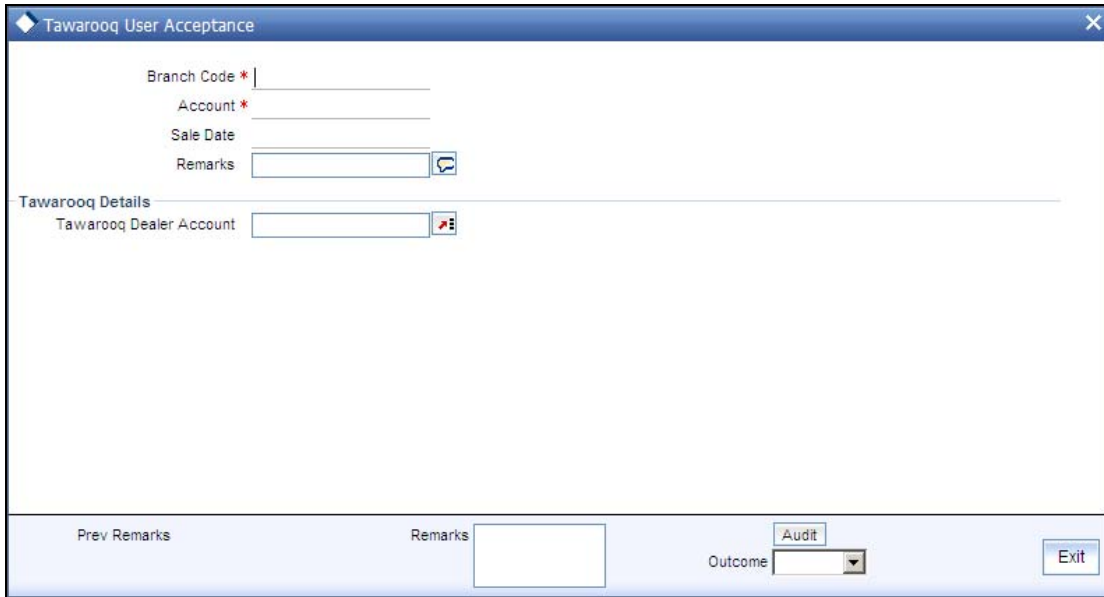
You can specify the remarks for the sale confirmation. This field is applicable only for the accounts under the product whose 'Sale Confirmation Required' option is checked in the 'Preference' screen.

If everything is found acceptable, select the action 'PROCEED' in the textbox adjoining the 'Audit' button in this screen and save the record by clicking the 'Save' icon in the tool bar. The following screen will be displayed.

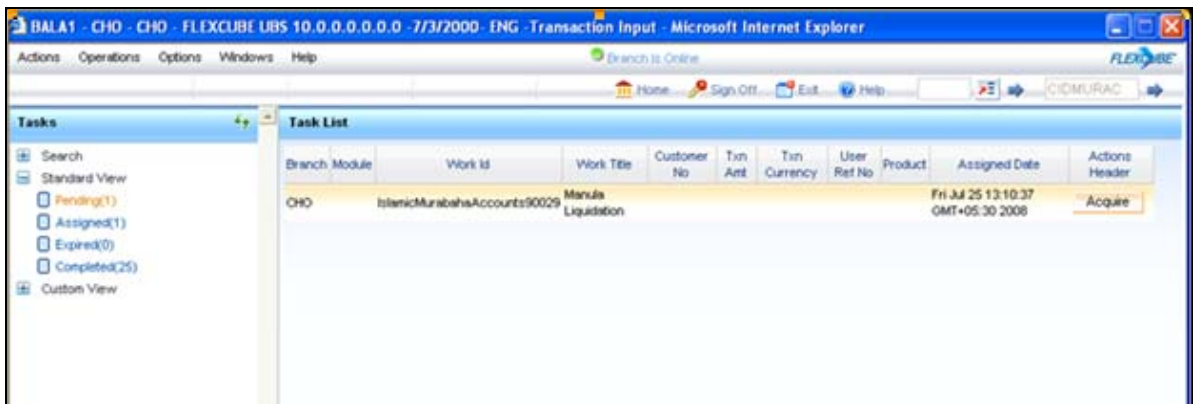
Step 11. User Acceptance Stage

In this stage based on the outcome of the previous stage, the sale confirmation of *Tawaroq* origination in the next stage.

You can also invoke '*Tawaroq* User Acceptance' screen by typing 'ORDTWUAC' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.



The system creates a task 'Manual Liquidation' in the 'Reject' task list.



Branch	Module	Work Id	Work Title	Customer No	Txn Amt	Txn Currency	User Ref No	Product	Assigned Date	Actions Header
CHO		IslamicMurabahaAccounts90029	Manual Liquidation						Fri Jul 25 13:10:37 GMT+05:30 2008	Acquire

Step 12. Disbursement of *Tawaroq* Stage

In this stage based on the outcome of the previous stage, the disbursement of *Tawaroq* for the underlying asset or moving the asset to inventory is decided.

If sale is confirmed, the system will trigger the disbursement of *Tawaroq* based on the value date.

If the sale is rejected, the system will display the asset detail capture detail.

Step 13. Manual Liquidation Stage

You can also invoke 'Tawaroq Manual Liquidation' screen by typing 'ORDTWPMT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The screenshot displays the 'Tawaroq Manual Liquidation' application window. At the top, there are input fields for 'Account *', 'Branch Code * 000', and 'ESN *'. Below this is a tabbed interface with 'Payment Details' selected. The 'Payment Details' section includes fields for 'Customer Id', 'Value Date' (01-MAR-2012), 'Execution Date' (01-MAR-2012), and 'Limit Date'. It also has a 'Main Profit Rate' section with 'Installment(s)' and 'Populate Due' buttons. To the right is a 'Mudarabah' section with 'Gross Profit', 'Excess Profit', 'Customer Incentive', and 'Bank Profit' fields. Below are sections for 'Prepayment of Amortized Finance' and 'Prepayment of Simple Finance', each with 'Recomputation Basis' and 'New Maturity Date' fields. A 'Payment Details' table is shown with columns: Reversed, Payment Mode (CASA), Settlement Currency, Settlement Amount, Finance Currency Equivalent, Original Exchange Rate, Exchange Rate, and Settlement. Below this is a 'Component Details' table with columns: Component Name, Currency, Amount Due, Adjustment Due, Amount Overdue, Amount Not Due, and Amount Waived. At the bottom, there are 'Prev Remarks', 'Remarks', 'Audit' button, 'Outcome' dropdown, and an 'Exit' button.

This screen is identical to the 'CI Payment Detailed' screen of Oracle FLEXCUBE. Refer the chapter titled 'Operations' in the Islamic Financing User Manual for further details about the other fields in the screen.

If everything is found acceptable, select the action 'PROCEED' in the textbox adjoining the 'Audit' button in this screen and the process is completed. Otherwise the process displays the following screen.

If everything is found acceptable, select the action 'PROCEED' in the textbox adjoining the 'Audit' button in this screen and save the record by clicking the 'Save' icon in the tool bar. The following screen will be displayed.



Tawarooq Creation

[May] [2011]

Version 11.3

Oracle Corporation
World Headquarters
500 Oracle Parkway
Redwood Shores, CA 94065
U.S.A.

Worldwide Inquiries:

Phone: +1.650.506.7000

Fax: +1.650.506.7200

www.oracle.com/financial_services/

Copyright © [2011] Oracle Financial Services Software Limited. All rights reserved.

No part of this work may be reproduced, stored in a retrieval system, adopted or transmitted in any form or by any means, electronic, mechanical, photographic, graphic, optic recording or otherwise, translated in any language or computer language, without the prior written permission of Oracle Financial Services Software Limited.

Due care has been taken to make this document and accompanying software package as accurate as possible. However, Oracle Financial Services Software Limited makes no representation or warranties with respect to the contents hereof and shall not be responsible for any loss or damage caused to the user by the direct or indirect use of this document and the accompanying Software System. Furthermore, Oracle Financial Services Software Limited reserves the right to alter, modify or otherwise change in any manner the content hereof, without obligation of Oracle Financial Services Software Limited to notify any person of such revision or changes.

All company and product names are trademarks of the respective companies with which they are associated.