

*Tawarooq* Creation  
Oracle FLEXCUBE Universal Banking  
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# 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.

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.

The screenshot shows the 'Prospect Details' application window. It features a blue title bar with 'Prospect Details' and window control buttons. Below the title bar, there are 'New' and 'Enter Query' buttons. The main area contains several input fields: 'Lead Id \*', 'Description', 'Reason', and 'Date of Enquiry'. A tabbed interface is present with 'Customer' selected. Below the tabs is a table with columns: 'Sequence Number \*', 'Type', 'Salutation', 'First Name', 'Middle Name', 'Last Name', and 'National Id'. The table has one row with values: 'Primary', 'Mr.', and empty fields for the others. Below the table are various input fields for personal and contact information: 'Short Name \*', 'Gender' (set to 'Male'), 'Date of Birth', 'Mothers Maiden Name', 'Customer Category \*', 'Country \*', 'Nationality \*', 'Language \*', 'Mobile Number \*', 'Landline Number', 'Office Number', 'Fax', 'Passport Number', 'Passport Issue Date', 'Passport Expiry Date', 'Passport Issue Place', 'Email', 'Dependents', and 'Marital Status' (set to 'Married'). At the bottom, there are fields for 'Maker', 'Checker', 'Date Time', 'Mod No', 'Record Status', 'Authorization Status', and an 'Exit' 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 shows the 'Prospect Details' window with the 'Details' tab selected. The form is divided into several sections:

- Lead Information:** Lead Id \*, Description, Reason, Date of Enquiry.
- Customer Information:** Customer, Details (selected), Requested.
- Address Details:** Sequence Number \*, Address Type \* (Permanent), Mailing checkbox, Address Line 1 \*, Address Line 2, Address Line 3, Contact Number, Zip, Country.
- Employment Details:** Sequence Number \*, Employment Type (Part Time), Employer \*, Occupation, Designation, Employee Id, Address Line 1, Address Line 2, Address Line 3, Zip, Country, Phone Number, Extension, Contact, Contact Name, Contact Phone, Contact Extension, Comments, Department, Stated Years, Stated Months.
- Footer:** Maker/Checker, Date Time, Mod No, Record Status, Authorization Status, and an Exit 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.

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*.

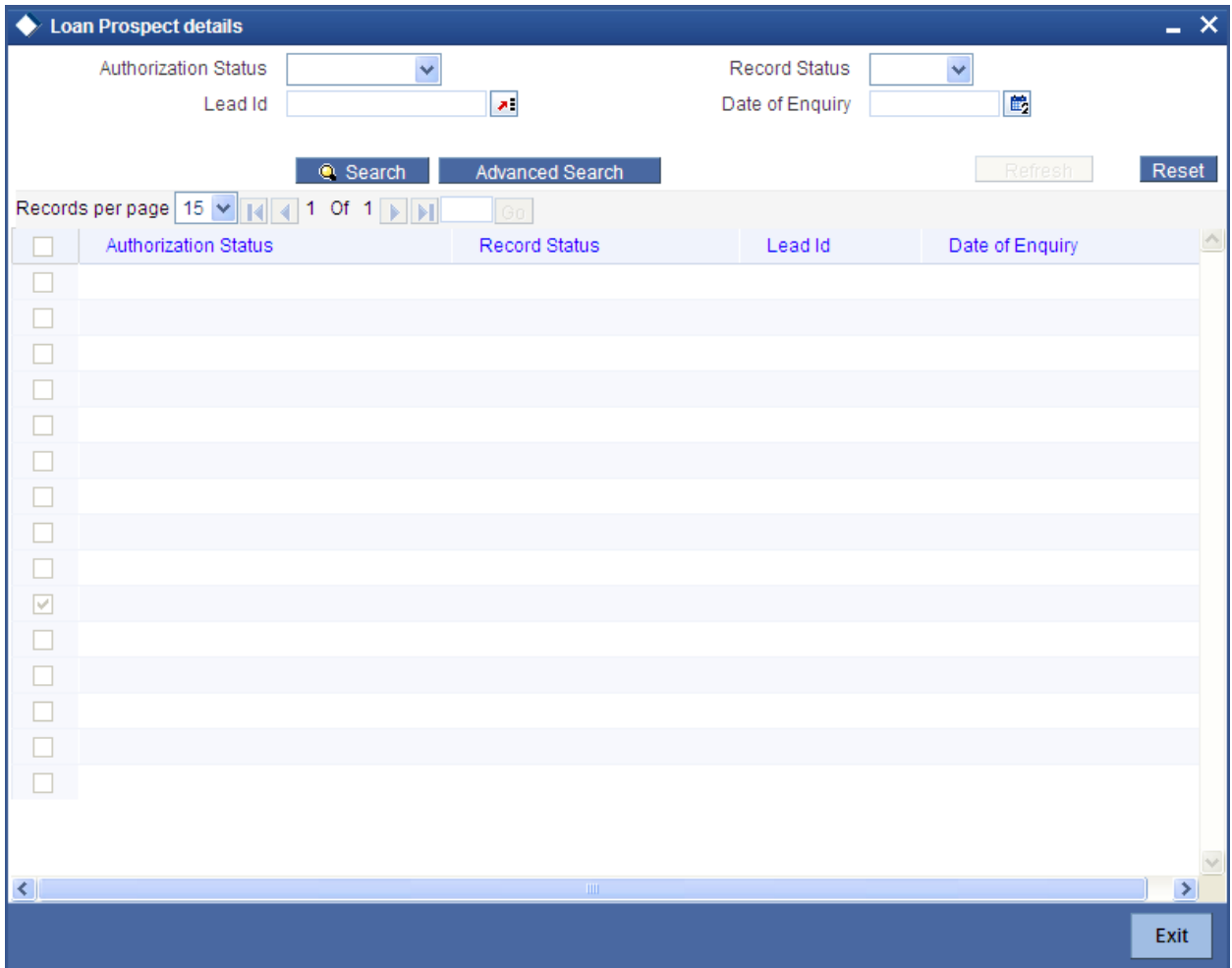
### ***Hamish Jiddayah Amount***

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.



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.

**Rule Maintenance**

New Enter Query

Rule Id \*  Type  Retail  
 Corporate

Account Description

Main Risk Factor

Question Details

Question Id *	Category	Question
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

Answer Details

Sequence Number *	Possible Answer	Score
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

Rating

Maker Date Time:  
Checker Date Time:  
Mod No Record Status  
Authorization Status

Exit

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 displays the 'Rule Maintenance' application window. At the top, there are fields for 'Rule Id \*' and 'Account Description', and radio buttons for 'Type' (Retail and Corporate). Below this is a tabbed interface with 'Main' and 'Risk Factor' tabs. The 'Risk Factor' tab is active, showing a table with columns for 'Risk Id \*', 'Account Description', and 'Formula'. The table contains one row with a 'Formula' button in the 'Formula' column. Below the table is a 'Rating' section with fields for 'Maker', 'Checker', 'Mod No', 'Date Time:', 'Record Status', and 'Authorization Status'. An 'Exit' button is located in the bottom right corner.

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

Elements

Functions

Braces

Operators

Logical Operators

Accept

Ok Exit

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

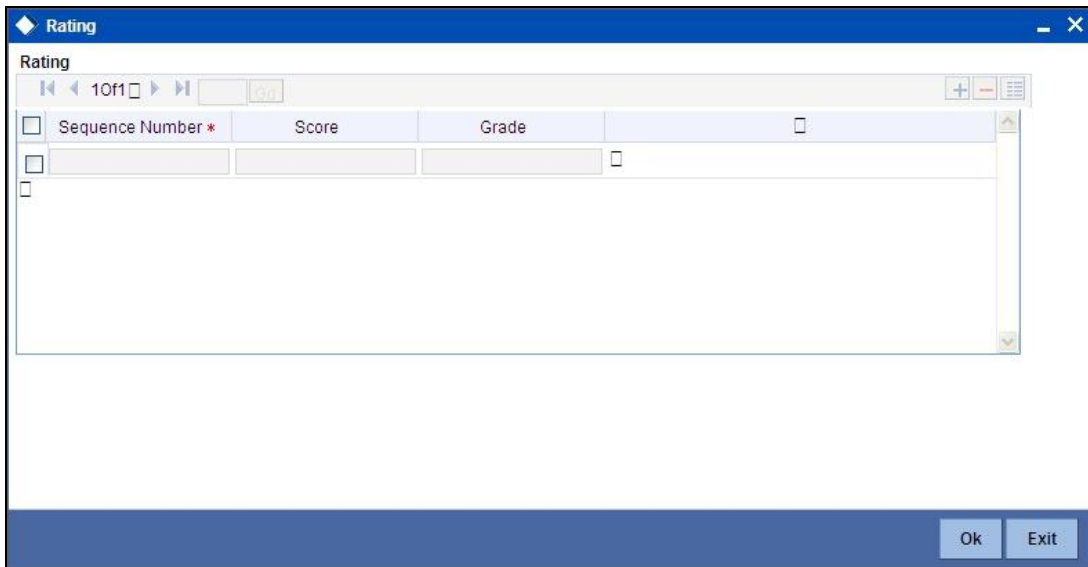
Select the mathematical operator to be used to define the credit score calculation formula. You can select '+', '-', '\*', or '/'.

## 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.



The screenshot shows a window titled 'Rating' with a table. The table has three columns: 'Sequence Number \*', 'Score', and 'Grade'. There are two rows in the table, both with empty cells. The window has a blue header and footer with 'Ok' and 'Exit' buttons.

Sequence Number *	Score	Grade

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 the 'Rule Maintenance' application window. At the top, there are two dropdown menus for 'Authorization Status' and 'Record Status', and a text input field for 'Rule Id'. Below these are buttons for 'Search', 'Advanced Search', 'Refresh', and 'Reset'. A table below shows search results with columns for 'Authorization Status', 'Record Status', 'Rule Id', and 'Account Description'. The table currently displays one record. 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 'LMC Eligibility Ratio' application window. It features a top navigation bar with 'New' and 'Enter Query' buttons. Below this, there are input fields for 'Group Id \*' and 'Description'. A 'Type' section includes radio buttons for 'Retail' (selected) and 'Corporate'. A 'Ratio Id' section contains a table with columns for 'Ratio Id \*', 'Description', and 'Formula'. The 'Formula' column is highlighted in blue. At the bottom of the window, there are fields for 'Maker', 'Checker', 'Mod No', 'Date Time:', 'Record Status', and 'Authorization Status'. An 'Exit' button is located in the bottom right corner.

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.

The screenshot shows a 'Formula Wizard' dialog box. The main area is titled 'Formula' and contains a table with two columns: 'Ratio Type \*' and 'Condition'. The first row has a dropdown menu with 'Stated Before' selected. Below the table are four dropdown menus labeled 'Elements', 'Functions', 'Braces', and 'Operators'. An 'Accept' button is located below the 'Operators' dropdown. At the bottom right of the dialog are 'Ok' and 'Exit' buttons.

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.

<input type="checkbox"/>	Authorization Status	Record Status	Group Id	Description
<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
- 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.

The screenshot shows the 'Override Maintenance' application window. At the top, there are fields for 'Process Code \*' and 'Application Category \*'. To the right, there are radio buttons for 'Type', with 'Retail' selected and 'Corporate' unselected. Below this is a 'Stage' section with a 'Stage \*' field and a 'Description' field. A table titled 'Overrides' is present, with columns for 'Sequence Number \*', 'Condition', 'Error Code', 'Error Parameter', and a checkbox. At the bottom of the window, there are dropdown menus for 'Elements', 'Functions', 'Braces', 'Operators', and 'Logical Operators'. The footer area contains fields for 'Maker', 'Checker', 'Mod No', 'Date Time:', 'Record Status', and 'Authorization Status', along with an 'Exit' 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.

### 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 displays the 'Override Maintenance' application window. At the top, there are search filters for 'Authorization Status', 'Record Status', 'Process Code', and 'Application Category'. Below these filters are 'Search' and 'Advanced Search' buttons, along with 'Refresh' and 'Reset' buttons. A table below shows search results with columns for 'Authorization Status', 'Record Status', 'Process Code', and 'Application Category'. The table is currently empty, showing only 1 of 1 records. 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' application window. At the top, there are two text boxes labeled 'Process Code \*' and 'Application Category \*'. Below them is a section titled 'Process Stages' containing two text boxes labeled 'Stage \*' and 'Stage'. The 'Document Details' section features a table with columns 'Document Category \*', 'Document Type \*', and 'Mandatory'. The 'BI Advices' section features a table with columns 'Report Name \*', 'Template', 'Format', and 'Locale'. The bottom status bar includes fields for 'Maker', 'Checker', 'Date Time', 'Mod No', 'Record Status', 'Authorization Status', and an 'Exit' 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 filter fields: "Authorization Status", "Record Status", "Process Code", and "Application Category". Below these are "Search" and "Advanced Search" buttons, along with "Refresh" and "Reset" buttons. A pagination bar indicates "Records per page" is 15, "1 Of 1" records are shown, and there are navigation arrows. Below the pagination is a table with four columns: "Authorization Status", "Record Status", "Process Code", and "Application Category". The table contains 15 empty rows. At the bottom right of the window 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.

The screenshot shows the 'Application Category Maintenance Detail' window. At the top, there are fields for 'Application Category \*', 'Category Description', 'Financing Type' (set to 'Retail'), 'Rule Id \*', and 'Ratio Id'. Below these is a 'Main' tab and an 'Agency' sub-tab. The 'Product Details' section contains a table with columns: Product Code \*, Product Description, and Default. The 'Offer Details' section contains a table with columns: Offer Id \*, No of Installments, Units (set to 'Daily'), Frequency, Rate, Rate Code, Spread, Effective Rate, and Default. At the bottom, there are fields for 'Maker', 'Checker', 'Date Time', 'Mod No', 'Record Status', and 'Authorization Status', along with an 'Exit' 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 displays the 'Application Category Maintenance Detail' window. At the top, there are input fields for 'Application Category \*', 'Financing Type' (set to 'Retail'), 'Category Description', 'Rule Id \*', and 'Ratio Id'. Below this is a tabbed interface with 'Main' and 'Agency' tabs. The 'Agency' tab is active, showing three data tables:

- Credit Agency:** A table with columns 'Agency Code \*' and 'Agency Name'. It contains one row with empty fields.
- Bureau Details:** A table with columns 'Bureau Code \*' and 'Bureau'. It contains one row with empty fields.
- Investigation Agency:** A table with columns 'Agency Code \*', 'Agency Name', and 'Verification Type'. It contains one row with empty fields.

At the bottom of the window, there is a status bar with fields for 'Maker', 'Date Time', 'Mod No', 'Checker', 'Date Time', 'Record Status', 'Authorization Status', and an 'Exit' button.

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.



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 Tawaroq Finance Origination**

The different stages in *Tawaroq* 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:

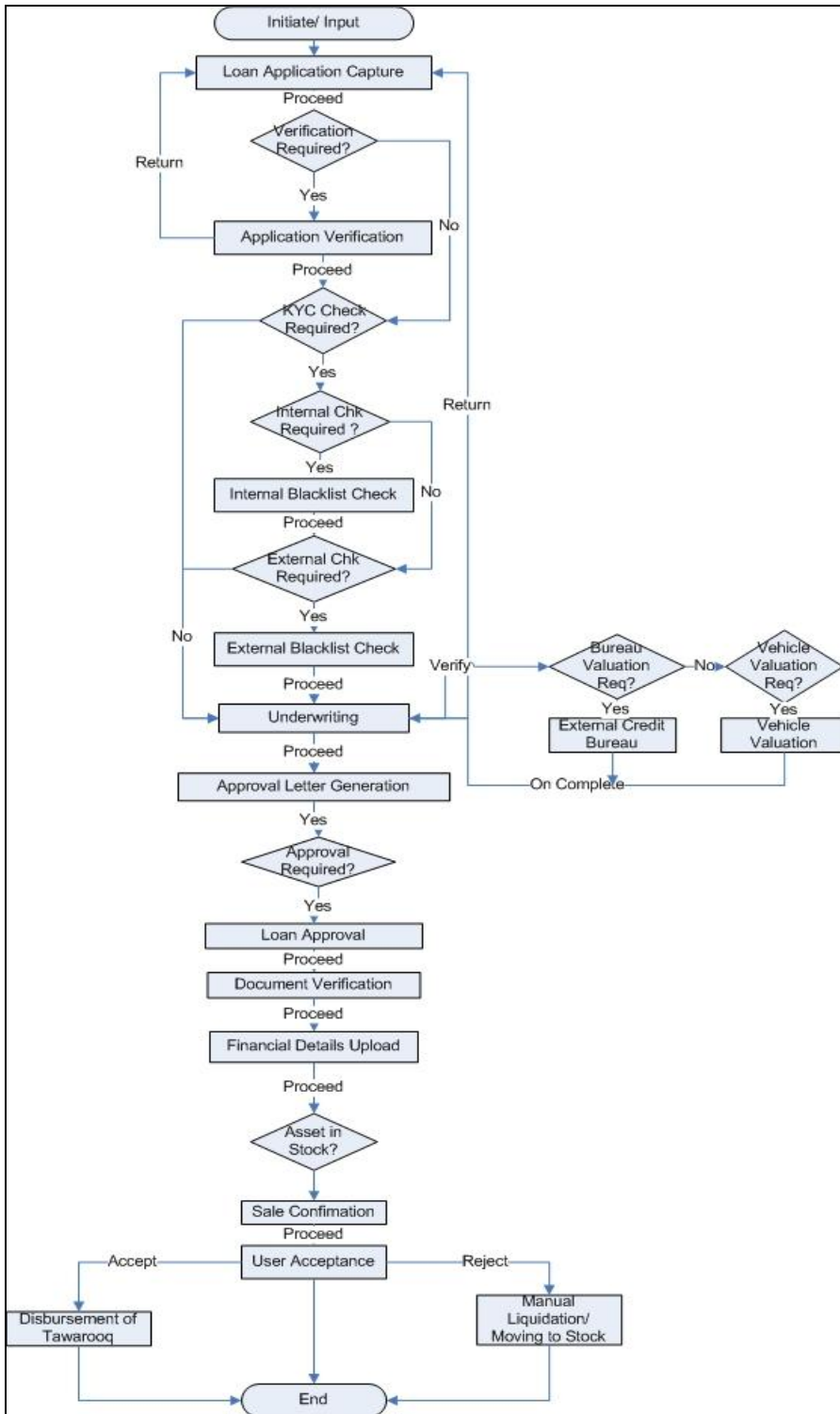
- Application Entry – the following details are captured in this stage

- 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
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 *Tawaroq* 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 application number captured in an offline mode, if any.

### **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.

### 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.

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

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**

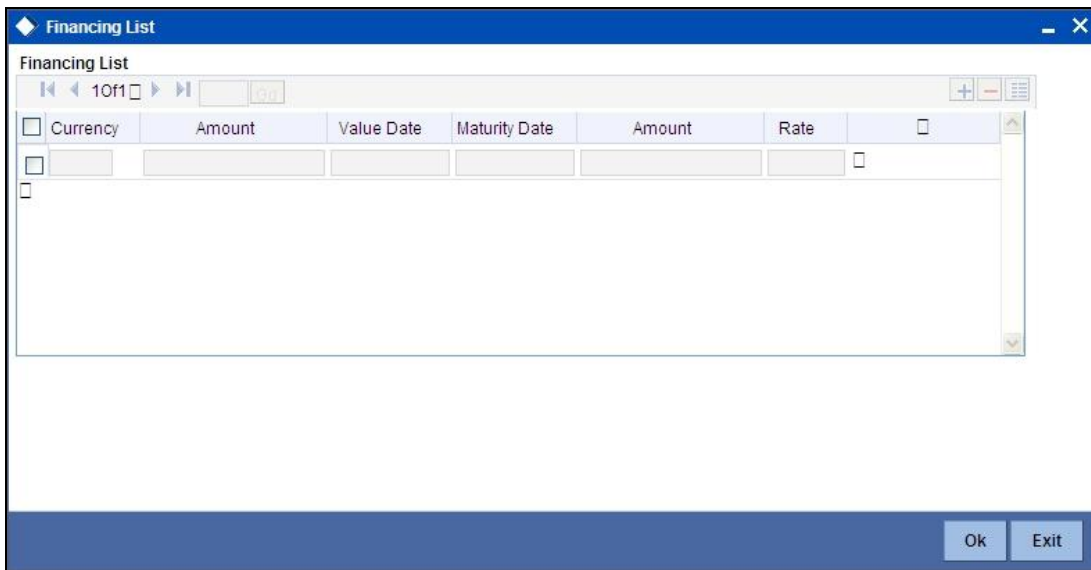
Specify the passport number of customer.

### **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.

**Tawarooq Application Entry**

New

Workflow Reference #  Priority

Application Category  Lead Id  Application Number \*   
Product Code  Enquiry ID   
Branch Code  Offline Application Number  User Reference \*   
Date   Priority   
Status

**Main** **Details** Financials Requested Limits Collaterals Comments

Address Details

Address Type \*   Mailing

Address Line 1 \*  Country   
Address Line 2  Zip   
Address Line 3  Contact Number

Employment Details

Employer \*  Address Line 1  Extension   
Employment Type  Address Line 2  Contact Phone   
Occupation  Address Line 3  Contact Name   
Designation  Country  Contact Extension   
Employee Id  Zip  Comments   
Phone Number  Department

Documents KYC Review Home Asset Vehicle Asset Equipment Asset Inventory Tracking

Prev Remarks Remarks  Outcome

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

- Workflow Reference #** and **Priority** (Low).
- Application Category**, **Product Code**, **Branch Code**, and **Date**.
- Lead Id**, **Enquiry ID**, and **Offline Application Number**.
- Application Number \***, **User Reference \***, **Priority** (Low), and **Status** (New Application).

The **Income Details** section contains a table with the following columns: **Income Type**, **Currency**, **Amount**, and **Frequency**. A single row is visible with **Salary** selected in the **Income Type** column and **Monthly** in the **Frequency** column.

The **Liability Details** section contains a table with the following columns: **Liability Type \***, **Liability Sub Type**, **Frequency**, **Currency**, **Amount**, **Account Balance**, **Start Date**, and **End Date**. A single row is visible with **Financing** selected in the **Liability Type \*** column and **Monthly** in the **Frequency** column.

The **Asset Details** section is divided into **Vehicle** and **Home** sub-sections. The **Vehicle** sub-section includes fields for **Type \*** (Vehicle), **Asset Sub Type**, **Description**, **Currency**, **Asset Value**, **Make**, **Model**, **Manufacture Year**, **Body**, and **Reg#**. The **Home** sub-section includes fields for **Address Line 1**, **Address Line 2**, **Address Line 3**, **Width**, **Length**, and **Occupancy**.

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**, **Audit**, **Outcome**, and an **Exit** button.

### 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 a 'New' record. The 'Requested' tab is active. The form contains the following fields and controls:

- Workflow Reference # (text input)
- Priority (dropdown menu, set to 'Low')
- Application Category (text input)
- Product Code (text input)
- Branch Code (text input)
- Date (text input)
- Lead Id (text input)
- Enquiry ID (text input)
- Offline Application Number (text input)
- Application Number \* (text input)
- User Reference \* (text input)
- Priority (dropdown menu, set to 'Low')
- Status (dropdown menu, set to 'New Application')
- Default button
- Navigation tabs: Main, Details, Financials, Requested (highlighted), Limits, Collaterals, Comments
- Financing Requested section:
  - Currency \* (text input)
  - Requested Amount \* (text input)
  - Tenor(In Months) (text input)
  - Rate (text input)
  - Hamish Jiddayah (text input)
  - Promotion Id (text input)
- Bottom navigation tabs: Documents, KYC Review, Home Asset, Vehicle Asset, Equipment Asset, Inventory Tracking
- Bottom bar: Prev Remarks, Remarks, Outcome (dropdown menu), Audit button, 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 loan finance.

## 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: 'Main' (Workflow Reference #, Priority), 'Application Details' (Application Category, Product Code, Branch Code, Date, Lead Id, Enquiry ID, Offline Application Number, Application Number, User Reference, Priority, Status), 'Liability Details' (Liability No, Liability Name, Liability Branch, Liability Currency, Overall Limit), 'Line Details' (Line Code, Line Serial, Main Line Code, Line Currency, Expected Limit Amount, Collateral Amount, Effective Line Amount Basis, Effective Line Amount, Additional Line Amount), and 'Pool Details' (Pool Code, Pool Description, Pool Currency, Pool Amount, Pool Utilized). At the bottom, there are tabs for 'Documents', 'KYC Review', 'Home Asset', 'Vehicle Asset', 'Equipment Asset', and 'Inventory Tracking', along with 'Prev Remarks', 'Remarks', 'Audit', and 'Exit' buttons.

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 displays the 'Tawarooq Application Entry' application window. At the top, there's a 'New' button and a 'Workflow Reference #' field. Below this, there are several input fields for 'Application Category', 'Product Code', 'Branch Code', 'Date', 'Lead Id', 'Enquiry ID', 'Offline Application Number', 'Application Number \*', 'User Reference \*', 'Priority', and 'Status'. A 'Default' button is located near the 'Offline Application Number' field. A navigation bar contains tabs for 'Main', 'Details', 'Financials', 'Requested', 'Limits', 'Collaterals' (which is highlighted in red), and 'Comments'. The 'Collateral Details' section includes fields for 'Collateral Id', 'Collateral Description', 'Collateral Currency', 'Collateral Value', 'Start Date', 'End Date', 'Collateral Category', 'Collateral Type' (set to 'Normal'), 'Linked Percentage Number', 'Linked Amount', 'Haircut', 'Revision Date', 'Charge Type', 'Revaluation Date', and a checkbox for 'Revalue Collateral'. Below this, there are two sections: 'Market Value Based' with 'Security Id', 'Units/Nominal Value', and 'Cap Amount'; and 'Guarantor Based' with 'Guarantor Id' and 'Rating'. The 'Vehicle Details' section contains 'Identification Number', 'Year', 'Make', 'Model', 'Body', 'Usage', 'Valuation Source' (set to 'None'), and 'Valuation Status' (set to 'Not Required'). A 'Report' button is next to the 'Valuation Status' field. The 'Covenant Details' section features a table with columns: 'Covenant Name \*', 'Description', 'Reversal Date', 'Mandatory', 'Grace Days', 'Notice Days', 'Frequency', and 'Start Month'. At the bottom, there are tabs for 'Documents', 'KYC Review', 'Home Asset', 'Vehicle Asset', 'Equipment Asset', and 'Inventory Tracking'. The footer includes 'Prev Remarks', 'Remarks', an 'Audit' button, an 'Outcome' dropdown menu, 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 'Tawaroq Application Entry' screen to invoke 'Vehicle Asset' screen.

The screenshot shows the 'Vehicle Asset' form with the following fields:

- Vehicle Details:** Asset Sequence Number, Asset Status (Active), Asset Type (New Asset), Asset Category, Chassis Number, Class, Color, No of Cylinders, Vehicle Condition, Description, Year of Manufacturing, Maker Code, Sub Model, Year Model, Engine Number.
- Registered:** Registration Type, Registration Name, Registration Emirate, Registration Number, Registration Date, Delivery Date.
- Vendor Details:** Vendor Code, Agent Sales Name, Agent Name, Agent Branch.
- Appraiser Details:** Appraiser Name, Appraiser Value, Appraiser Date.
- Amount Details:** Currency, Requested Finance Amount, Percentage Amount Appraised.
- Total Amount Details:** Hamish Jiddayah, Vehicle Value, Maintenance Cost, Insurance Amount, Asset Finance Amount.
- Insurance Details:** Insured By Bank, Insurance Company, Premium Amount.
- Balance Details:** Outstanding Asset Amount.

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.

Evaluator Name	Evaluator Value	Evaluator date
----------------	-----------------	----------------

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 with the following sections:

- Application Number:** A text input field.
- Property Detail:** A section containing multiple input fields for property information, including:
  - Asset Sequence Number (text)
  - Asset Status (dropdown menu, currently 'Active')
  - New Property Type (dropdown menu, currently 'Yes')
  - Property Type (text)
  - Description (text)
  - Builder Name (text)
  - Building Name (text)
  - Project Name (text)
  - Wing Name (text)
  - District/Area (text)
  - City (text)
  - Area in Another Country (text)
  - Plot Number (text)
  - Property Status (text)
  - Property Area (text)
  - Property Usage (text)
  - Date of Completion (text)
  - Title Deed Number (text)
  - Registration Name (text)
  - Title Deed Issue From (text)
  - Registration Number (text)
  - Registration Date (text)
  - Title Deed Issue Date (text)
  - Villa/Apt. Number (text)
  - Building compound Name (text)
  - Street Name (text)
  - Post Box No. (text)
  - Emirate (text)
  - Area In Emirate (text)
  - Country (text)
  - Mortgage Degree (text)
  - Lot Number (text)
- Amount Detail:** Input fields for Currency, Requested Amount, Hamish Jiddayah Amount, Valuation, Insurance Value, and Asset Finance Amount.
- Vendor Details:** Input fields for Vendor Code and Chosen By (dropdown menu, currently 'Bank').
- Insurance Details:** Input fields for Insurance Company, Insurance Paid By, Premium Amount, Insured Name, and Expiry Date.
- Evaluation Details:** A table with columns: Evaluator Name, Evaluation Value, Evaluation Date, and a checkbox. The table is currently empty.
- Vendor Details (Table):** A table with columns: Vendor Type, Vendor Code, Chosen By, Account Value, Account Date, Account Start Date, Account End Date, and a checkbox. The table is currently empty.
- Management:** Input fields for Company Name, Managed By, Contact Person, and Contact Number.

At the bottom right of the window, there are 'Ok' and 'Exit' 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.

The screenshot shows the 'Tawaroq Application Entry' window. At the top, there are several input fields: 'Workflow Reference #', 'Priority' (set to 'Low'), 'Application Category', 'Product Code', 'Branch Code', 'Date', '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 tabbed menu with 'Main', 'Details', 'Financials', 'Requested', 'Limits', 'Collaterals', and 'Comments' (which is highlighted in red). Under the 'Comments' tab, there is a table with the following columns: 'Sequence Number \*', 'Comments', 'Comment By', and 'Comment Date'. The table is currently empty. At the bottom of the window, there are buttons for 'Documents', 'KYC Review', 'Home Asset', 'Vehicle Asset', 'Equipment Asset', and 'Inventory Tracking'. There are also 'Prev Remarks', 'Remarks', 'Outcome' (with a dropdown menu), and 'Exit' buttons.

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

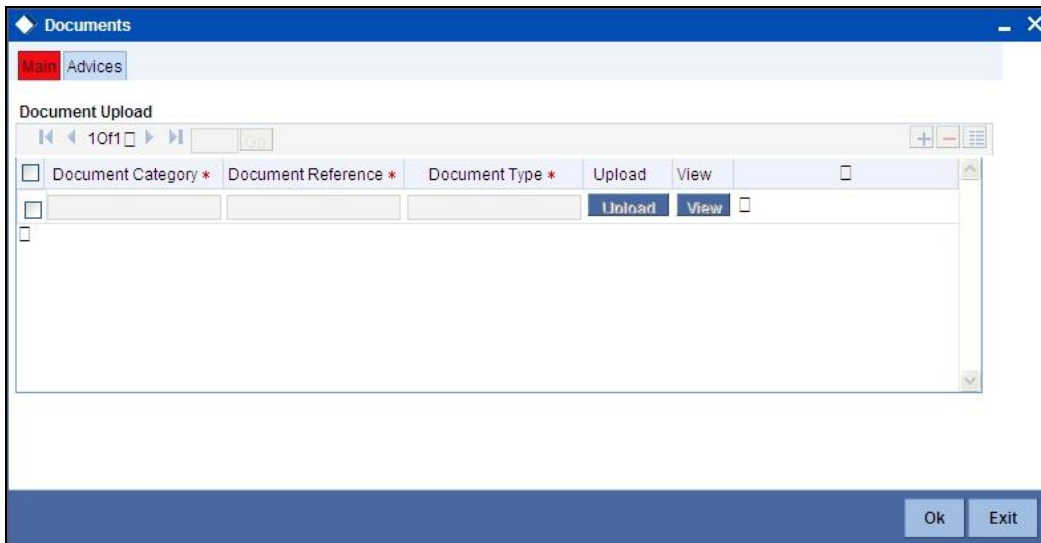
Specify the type of the comment given.

### 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 capture the customer related documents in central content management repository through the 'Documents' screen. Click 'Documents' button to invoke this screen.



The screenshot shows a window titled 'Documents' with a blue header bar. Below the header, there is a tab labeled 'Main' and a sub-tab labeled 'Advices'. The main content area is titled 'Document Upload' and contains a table with the following columns: 'Document Category \*', 'Document Reference \*', 'Document Type \*', 'Upload', and 'View'. The table has one row with empty input fields for the first three columns and buttons for 'Upload' and 'View'. Below the table, there are 'Ok' and 'Exit' buttons at the bottom right of the window.

Here, you need to specify the following details:

### Document Category

Specify the category of the document to be uploaded.

### Document Reference

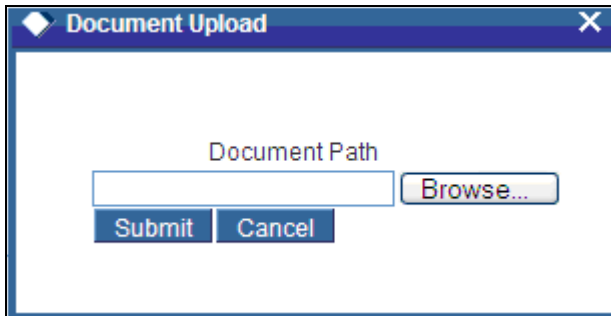
The system generates and displays a unique identifier for the document.

### Document Type

Specify the type of document that is to be uploaded.

## Upload

Click 'Upload' button to open the 'Document Upload' sub-screen. The 'Document Upload' sub-screen is displayed below:



In the 'Document Upload' sub-screen, specify the corresponding document path and click the 'Submit' button. Once the document is uploaded through the upload button, the system displays the document reference number.

## View

Click 'View' to view the document uploaded.

In 'Tawarooq Lending' process, 'Document Upload' feature is not available in all the stages. Its availability in this process is given below:

Stage Title	Function Id	Doc Callform Exists	Upload(Available/Not Available)	View(Available/Not Available)
Application Entry	ORDTAWAE	Available	Available	Available
Application Verification	ORDTAWAV	Available	Available	Available
Application Management Verification	ORDTAWMV	Available	Available	Available
Internal Blacklist Check	ORDTAWKI	Available	Available	Available
External Blacklist Check	ORDTAWKE	Available	Available	Available
Underwriting	ORDTAWUD	Available	Available	Available
Loan Approval	ORDTAWAR	Available	Available	Available
Document Verification	ORDTAWDV	Available	Available	Available

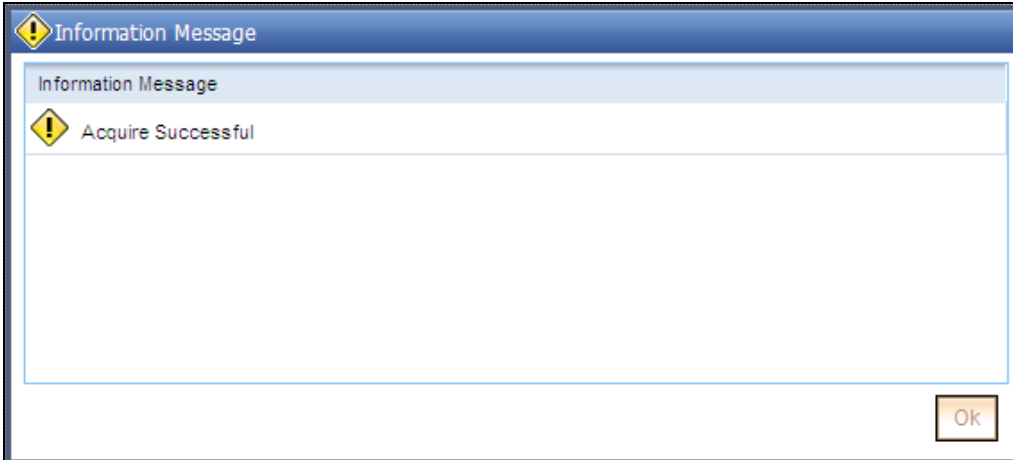
Stage Title	Function Id	Doc Callform Exists	Upload(Available/Not Available)	View(Available/Not Available)
Customer / Account / Facility / Loan / Collateral Creation	ORDTWCUS/ ORDTWLIA / ORDTWLOA / ORDTWCOL	Available	Available	Available
Sale Confirmation	ORDTWSAC	Not Available		
User Acceptance	ORDTWUSA	Not Available		
Disbursement of Tawarooq				
Manual Liquidation	ORDTWPMT	Not Available		

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

The screenshot displays the Oracle Task Management interface. On the left, there is a 'Task Details' sidebar with a search bar and a tree view showing 'Standard' tasks categorized by status: Acquired(8), Assigned(55), Completed(150), Pending(0), and Supervisor(0). Below this is a navigation menu with options: Menu, Workflow, Tasks (highlighted), Customer, and My Dash Board. The main area shows a 'Task List' table with columns: Workflow Ref No, Txn Ref No, Title, Assignee Group, Assignee Users, Customer Name, Amount, Creation Date, and Priority. The table lists several tasks, including 'Retail\_Lending1382' (Document Verification), 'Retail\_Lending1481' (Application Entry), 'Retail\_Lending1484' (Application Entry), 'OpenSavingsAccount1465' (Receive And Verify), 'OpenCurrentAccount1488' (ReclieveandVerifyCustDetails), 'Retail\_Lending1487' (Application Entry), 'Retail\_Lending1489' (Application Entry), 'Retail\_Lending1471' (Application Entry), 'Retail\_Lending1384' (Document Verification), and 'Retail\_Lending1478' (Underwriting). Below the task list is a 'Task History' section with columns: Action Time, Pickup Time, User ID, User Name, Action Code, Action Description, Branch, and Remarks.

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 '*Tawaroq* 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 '*Tawaroq* 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.

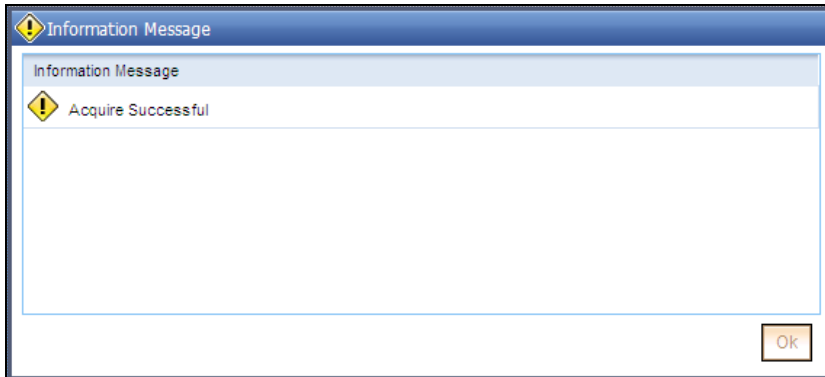
The verifier can either send the application back to the previous stage if the information provided is not adequate or can cancel it if the information captured is not satisfactory.

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 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.

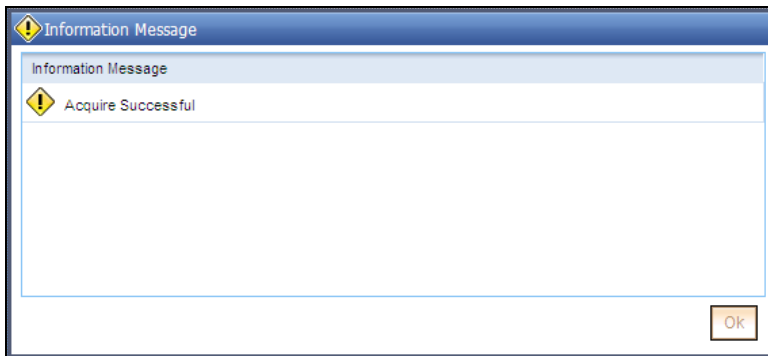
The verifier can either send the application back to the previous stage if the information provided is not adequate or can cancel it if the information captured is not satisfactory.

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.

**Tawarooq KYC External Review**

New

Workflow Reference #  Priority: Low

Application Category  Lead Id  Application Number \*

Product Code  Enquiry ID

Branch Code  Offline Application Number  User Reference \*

Date   Priority: Low

Status: New Application

**Main** | Details | Financials | Requested | Limits | Collaterals | Comments

Channel  Intermediary Code   KYC Required

**Applicant Details**

Existing	Customer No	Default	Type	Customer Name	Short Name *	National Id	De dup	Finances
<input type="checkbox"/>	<input type="text"/>	Default	Primary	<input type="text"/>	<input type="text"/>	<input type="text"/>	De dup	Finances

Country \*  Nationality \*  Language \*

Customer Category \*  Financial Currency \*  Mobile Number \*

Landline Number  Email  Fax

**Retail**

First Name  Middle Name  Last Name

Salutation: Mr. Gender: Male Date of Birth

Mothers Maiden Name  Passport Number

Passport Issue Date  Passport Expiry Date

Marital Status: Married Dependents

**Corporate**

Incorporation Date  Capital

Net Worth  Business Description

Country

**Account**

Account Number  Branch Code

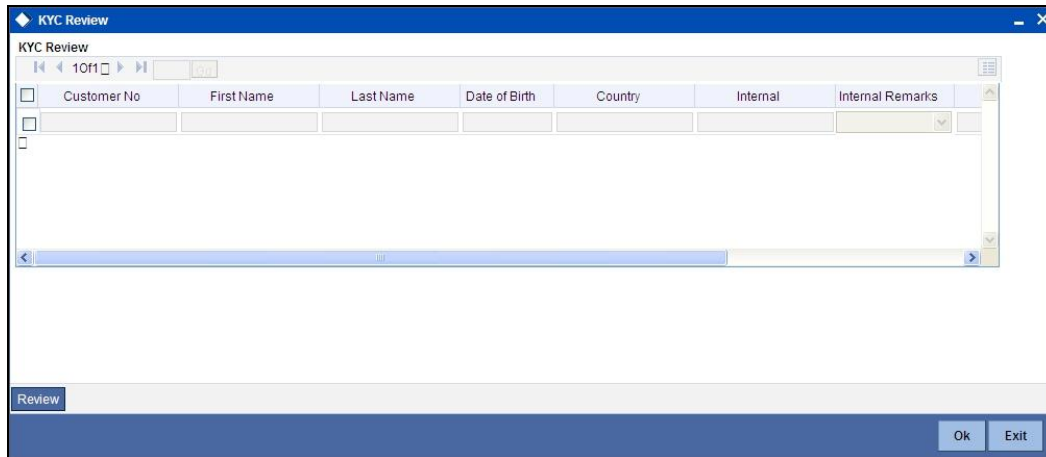
Account Class

Documents | KYC Review | Home Asset | Vehicle Asset | Equipment Asset | Inventory Tracking

Prev Remarks  Remarks  Audit  Outcome

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 'Tawarooq 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 'Tawarooq 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.

The screenshot displays the 'Tawaroq Underwriting' application window. The 'Collateral' tab is active, showing various input fields for collateral information. The interface is organized into several sections: Application Entry, Collateral Details, Market Value Based, Guarantor Based, Vehicle Details, and Covenant Details. The bottom of the window features a navigation bar with tabs for Documents, KYC Review, Home Asset, Vehicle Asset, Equipment Asset, and Inventory Tracking. The bottom right corner includes buttons for Prev Remarks, Remarks, Audit, Outcome, and Exit.

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

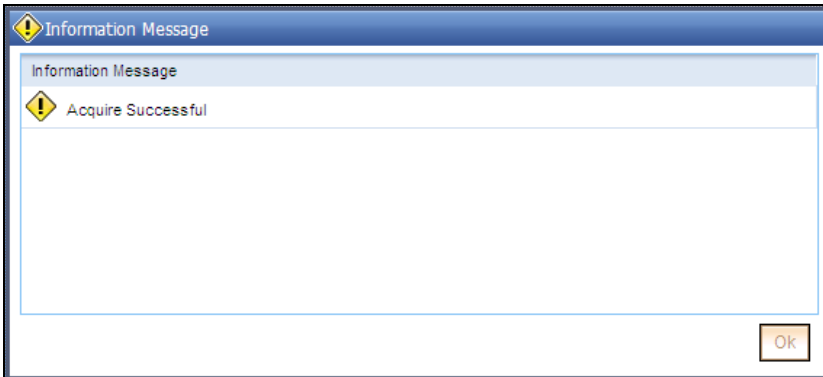
The evaluation will be done only if the valuation source is selected as 'INTERNAL' and the status is 'RECOMMENDED'. For any other combination of values for the two fields, the system will display an error message and will not proceed with the evaluation till the values are set as specified above.

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.

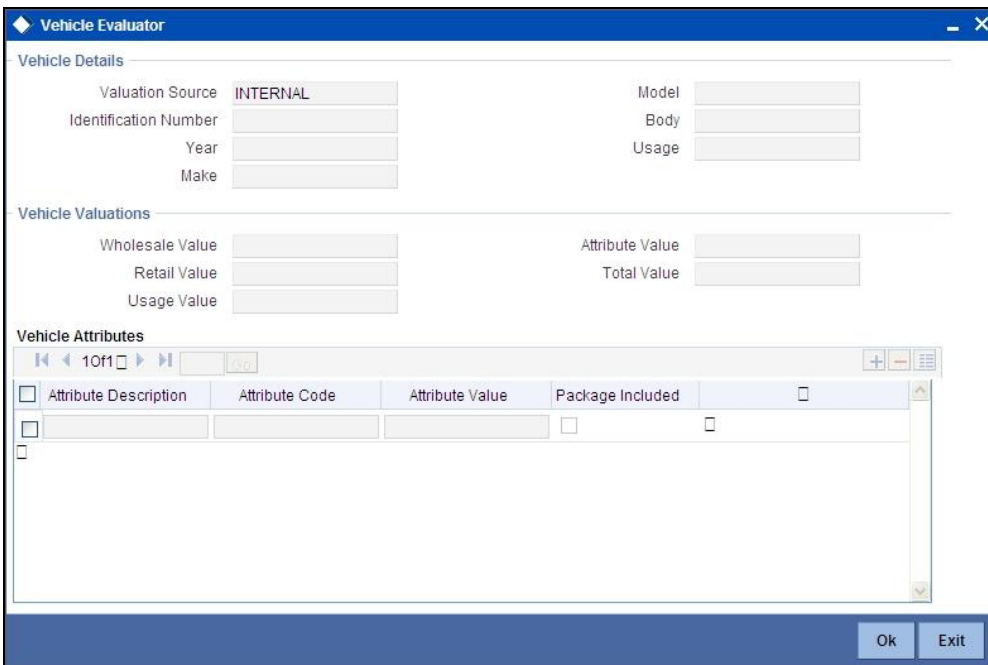
To acquire the next stage, you need to go to the 'Task' menu and select 'Assigned' under 'Standard' option. All tasks that have been successfully completed are listed in the right side of the screen. Select the checkbox against your 'Workflow Ref No' and click 'Acquire' button at the top of the screen 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 displays the 'Tawaroq Underwriting' application window. The 'Credit Score' tab is active, showing various input fields for application details. The 'Internal Credit Rating' section contains a table with columns for 'Category', 'Question', and 'Answer'. Below it, the 'Risk Factor Details' section has a table with 'Risk Factor' and 'Description' columns. The bottom of the window features a navigation bar with tabs for 'Documents', 'KYC Review', 'Home Asset', 'Vehicle Asset', 'Equipment Asset', and 'Inventory Tracking'. At the very bottom, there are fields for 'Prev Remarks', 'Remarks', 'Outcome' (set to 'Audit'), and an 'Exit' button.

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 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

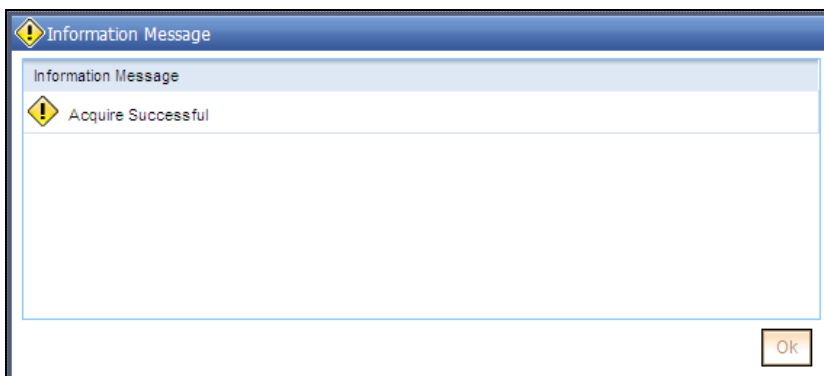
The evaluation will be done only if the external agency has been specified and the 'Recommended' field has the value 'Recommended' status is 'RECOMMENDED'. For any other combination of values for the two fields, the system will display an error message and will not proceed with the evaluation till the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

### Summary 2



## Trade Lines

**Credit Bureau Report**

Report Header

Bureau  Credit Report Id   
First Name  Report Date   
MI  Unique Id   
Last Name  On File Date   
Birth Date   Best Match

Summary 1 | Summary 2 | **Trade Lines** | Public Records | Collections | Fraud Messages | Inquiries | Also Known As | Consumer Statement | Credit Scores

Trade Lines

10 of 1

<input type="checkbox"/>	Creditors Name	Status	Type	Type Code	Past Due Amt	Balance	Balance Date
<input type="checkbox"/>							
<input type="checkbox"/>							

Exit

## Public Records

**Credit Bureau Report**

Report Header

Bureau  Credit Report Id   
First Name  Report Date   
MI  Unique Id   
Last Name  On File Date   
Birth Date   Best Match

Summary 1 | Summary 2 | Trade Lines | **Public Records** | Collections | Fraud Messages | Inquiries | Also Known As | Consumer Statement | Credit Scores

Public Records

10 of 1

<input type="checkbox"/>	Record Type	Status	Amount	Filed Date	Satisfied Date	<input type="checkbox"/>
<input type="checkbox"/>						<input type="checkbox"/>
<input type="checkbox"/>						<input type="checkbox"/>

Exit

# Collections

**Credit Bureau Report**

Report Header

Bureau  Credit Report Id   
First Name  Report Date   
MI  Unique Id   
Last Name  On File Date   
Birth Date   Best Match

Summary 1 | Summary 2 | Trade Lines | Public Records | **Collections** | Fraud Messages | Inquiries | Also Known As | Consumer Statement | Credit Scores

Collections

10 of 1

<input type="checkbox"/>	Creditors Name	Account #	Acct Balance	High Balance	Term Type	Balance Date	Open Date	Last Act
<input type="checkbox"/>								
<input type="checkbox"/>								

Exit

## Fraud Messages

**Credit Bureau Report**

Report Header

Bureau  Credit Report Id   
First Name  Report Date   
MI  Unique Id   
Last Name  On File Date   
Birth Date   Best Match

Summary 1 | Summary 2 | Trade Lines | Public Records | Collections | **Fraud Messages** | Inquiries | Also Known As | Consumer Statement | Credit Scores

Fraud Messages

10 of 1

<input type="checkbox"/>	Product	Message	<input type="checkbox"/>
<input type="checkbox"/>			
<input type="checkbox"/>			

Exit

## Inquiries

**Credit Bureau Report**

Report Header

Bureau  Credit Report Id   
First Name  Report Date   
MI  Unique Id   
Last Name  On File Date   
Birth Date   Best Match

Summary 1 | Summary 2 | Trade Lines | Public Records | Collections | Fraud Messages | **Inquiries** | Also Known As | Consumer Statement | Credit Scores

Inquiries

10 of 1

<input type="checkbox"/>	Inquirer Name	Inquirer Subscriber #	Inquirer Industry Code	Inquiry Date	Rate Shopping	Duplicate	<input type="checkbox"/>
<input type="checkbox"/>							
<input type="checkbox"/>							

Exit

## Also Known As

**Credit Bureau Report**

Report Header

Bureau  Credit Report Id   
 First Name  Report Date   
 MI  Unique Id   
 Last Name  On File Date   
 Birth Date   Best Match

Summary 1 | Summary 2 | Trade Lines | Public Records | Collections | Fraud Messages | Inquiries | **Also Known As** | Consumer Statement | Credit Scores

Also Known As

10 of 11

<input type="checkbox"/>	First Name	MI	Last Name	Suffix	Spouse First Name	<input type="checkbox"/>
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

Exit

## Consumer Statements

**Credit Bureau Report**

Report Header

Bureau  Credit Report Id   
 First Name  Report Date   
 MI  Unique Id   
 Last Name  On File Date   
 Birth Date   Best Match

Summary 1 | Summary 2 | Trade Lines | Public Records | Collections | Fraud Messages | Inquiries | Also Known As | **Consumer Statement** | Credit Scores

Consumer Statement

10 of 11

<input type="checkbox"/>	Reported Date	Text	<input type="checkbox"/>
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

Exit

## Credit Score Details

**Credit Bureau Report**

Report Header

Bureau  Credit Report Id   
 First Name  Report Date   
 MI  Unique Id   
 Last Name  On File Date   
 Birth Date   Best Match

Summary 1 | Summary 2 | Trade Lines | Public Records | Collections | Fraud Messages | Inquiries | Also Known As | Consumer Statement | **Credit Scores**

Credit Scores

Score Model  Score Factor   
 Score

Exit



## 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 displays the 'Tawaroq Underwriting' application window. The 'Ratios' tab is active, showing a form for entering financial data. The form includes fields for 'Stated' and 'Actual' values for 'Monthly Income' and 'Monthly Debt'. There are also fields for 'Assets', 'Liabilities (-)', and 'Net Worth'. A 'Calculate Ratios' button is present. Below the form is a table with columns: 'Ratios \*', 'Stated Before', 'Stated After', 'Actual Before', and 'Actual After'. The table is currently empty. At the bottom of the window, there are buttons for 'Prev Remarks', 'Remarks', 'Audit', and 'Exit', along with an 'Outcome' dropdown menu.

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 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 'Tawaroq Underwriting' application window. The main form area contains several input fields for application information, including Workflow Reference #, Priority (set to Low), Application Category, Product Code, Branch Code, Date, Lead Id, Enquiry ID, Offline Application Number, Application Number, User Reference, and Status (set to New Application). A navigation bar below the form highlights the 'Schedule' tab. Underneath, there are two data tables. The 'Schedule' table has columns: Component Name, Schedule Type (set to Payment), First Due Date, No, Frequency, Units (set to Monthly), and Amount. The 'Details' table has columns: Component Name, Due Date, Amount Due, EMI amount, and Amortized Principal. At the bottom of the window, there are buttons for 'Prev Remarks', 'Remarks', 'Audit', 'Outcome', and 'Exit'.

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 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. The 'Investigation' tab is selected and highlighted in red. The interface includes a top navigation bar with tabs for Main, Details, Financials, Requested, Limits, Collaterals, Credit Score, Bureau, Ratio, Financing, Schedule, Charges, Investigation, Check List, and Comments. Below the navigation bar, there is a section for 'Invest' with a table containing columns for Verification Type, Agency, and Status. The table is currently empty. At the bottom of the window, there are fields for 'Prev Remarks', 'Remarks', 'Outcome', and 'Audit', along with 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 'Tawaroq Underwriting' application window. The 'New' form is open, showing various input fields for application details. The 'Check List' tab is selected, displaying a table with the following columns: 'Check List Id \*', 'Description', 'Verified', and 'Comments'. The table is currently empty. The application also features 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 'Check List' tab is highlighted in red. At the bottom of the window, there are buttons for 'Prev Remarks', 'Remarks', 'Audit', 'Outcome', and 'Exit'.

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 displays the 'Tawaroq Underwriting' application interface. At the top, there is a 'New' button and a 'Workflow Reference #' field. Below this, there are several input fields for 'Application Category', 'Product Code', 'Branch Code', 'Date', 'Lead Id', 'Enquiry ID', 'Offline Application Number', 'Application Number \*', 'User Reference \*', 'Priority' (set to 'Low'), and 'Status' (set to 'New Application'). A 'Default' button is located below the 'Offline Application Number' field. A navigation bar at the bottom of the form contains tabs for 'Main', 'Details', 'Financials', 'Requested', 'Limits', 'Collaterals', 'Credit Score', 'Bureau', 'Ratio', 'Financing', 'Schedule', 'Charges', 'Investigation', 'Check List', and 'Comments' (which is highlighted in red). Below the navigation bar, there is a 'Comments' section with a table header: 'Sequence Number \*', 'Comments', 'Comment By', and 'Comment Date'. The table is currently empty. At the bottom of the application, there is a 'Prev Remarks' button, a 'Remarks' text area, an 'Outcome' dropdown menu (set to 'Audit'), 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**

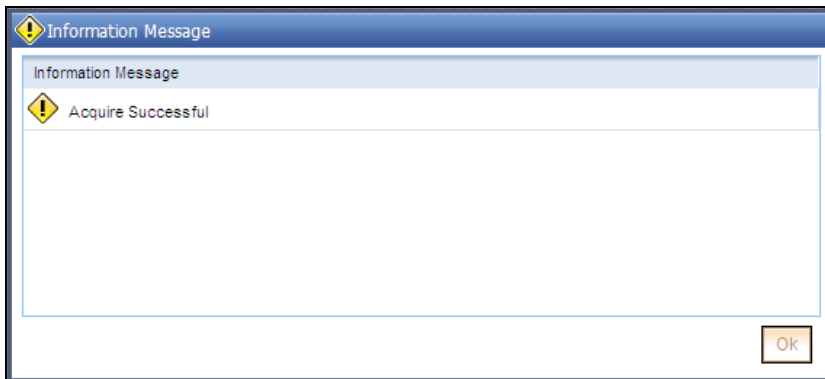
Specify the date on which the comment was given or select the date by clicking the 'Calendar' icon.

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.

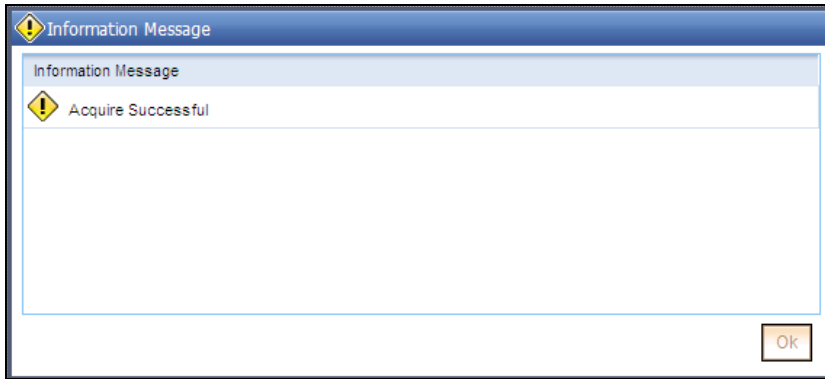
The approver can send the application back to the previous stage if the information provided is not adequate or choose to cancel it if the information captured is not satisfactory.

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 *Tawaroq* origination through '*Tawaroq* 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 the 'Tawaroq Sale Confirmation' application window. The title bar includes a diamond icon and the text 'Tawaroq Sale Confirmation'. Below the title bar is a 'New' icon. The main area contains the following fields and controls:

- Workflow Reference # (text input)
- Priority (dropdown menu, currently set to 'Low')
- Branch Code \* (text input, marked as required)
- Account \* (text input, marked as required)
- Sale Date (text input)
- Remarks (text input)
- Tawaroq Details section (indicated by a horizontal line)
- Tawaroq Dealer Account (text input)
- Bottom bar containing: 'Prev Remarks', 'Remarks', 'Audit' button, 'Outcome' dropdown menu, and '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 *Tawarooq* origination in the next stage.

You can also invoke '*Tawarooq* 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 screenshot shows a web application window titled "Tawarooq User Acceptance". The window has a toolbar at the top with "Save" and "Hold" icons. Below the toolbar, there are several input fields: "Branch Code \*" (with a red asterisk), "Account \*" (with a red asterisk), "Sale Date" (with the value "2012-11-07"), and "Remarks" (with a small icon to its right). Below these fields is a section titled "Tawarooq Details" which contains a "Tawarooq Dealer Account" field. At the bottom of the window, there are four buttons: "Prev Remarks", "Remarks", "Audit", and "Exit".

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

The screenshot shows a web browser window displaying a "Task List" table. The browser title is "BALA1 - CHO - CHO - FLEXCUBE UBS 10.0.0.0.0.0.0 - 7/3/2008 - ENG - Transaction Input - Microsoft Internet Explorer". The "Task List" table has the following columns: Branch, Module, Work Id, Work Title, Customer No, Tix Amt, Tix Currency, User Ref No, Product, Assigned Date, and Actions Header. A single row is visible in the table with the following data: Branch: CHO, Module: IslamicMurabahaAccounts90029, Work Title: Manula Liquidation, Assigned Date: Fri Jul 25 13:10:37 GMT+05:30 2008, and Actions Header: Acquire.

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

## Step 12. Disbursement of *Tawarooq* Stage

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

If sale is confirmed, the system will trigger the disbursement of *Tawarooq* 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 '*Tawarooq* 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 'Payments' application window with the 'New' record. The interface includes several sections:

- Workflow Reference #** and **Priority** (Low).
- Account \***, **Branch Code \***, and **ESN \*** fields.
- Payment Details** tab with sub-tabs: Compensation Rates, Fields, Check List.
- Customer Id**, **Value Date**, **Execution Date**, and **Limit Date** fields.
- Main Profit Rate** field and **Installment(s)** checkbox.
- Mudarabah** section with **Gross Profit**, **Excess Profit**, **Customer Incentive**, and **Bank Profit** fields.
- Buttons:** 'Populate Due' and 'Allocate'.
- Payment Details** table with columns: Reversed, Payment Mode, Settlement Currency, Settlement Amount, Finance Currency Equivalent, Original Exchange Rate, Exchange Rate.
- Component Details** table with columns: Component Name, Currency, Amount Due, Adjustment Due, Amount Overdue, Amount Not Due, Amount Waive.
- Prepayment of Amortized Finance** section with **Recomputation Basis** dropdown, **Change Installment** dropdown, **Recomputation Effective From** dropdown, **New Maturity Date**, **Next Schedule Date**, and **Old Maturity Date** fields.
- Prepayment of Simple Finance** section with **Recomputation Basis** dropdown, **Recompute Schedules** dropdown, **New Maturity Date**, and **Old Maturity Date** fields.
- Prev Remarks**, **Remarks**, **Audit**, **Outcome** dropdown, and **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*

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