

Small & Medium Business Originations
Online KYC Modes User Manual
Oracle Banking Digital Experience
Patchset Release 22.2.1.0.0

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Originations - Online KYC Modes User Manual

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1. Preface

1.1 Intended Audience

This document is intended for the following audience:

- Customers
- Partners

1.2 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

1.3 Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

1.4 Structure

This manual is organized into the following categories:

Preface gives information on the intended audience. It also describes the overall structure of the User Manual.

Introduction provides brief information on the overall functionality covered in the User Manual.

The subsequent chapters provide information on transactions covered in the User Manual.

Each transaction is explained in the following manner:

- Introduction to the transaction
- Screenshots of the transaction
- The images of screens used in this user manual are for illustrative purpose only, to provide improved understanding of the functionality; actual screens that appear in the application may vary based on selected browser, theme, and mobile devices.
- Procedure containing steps to complete the transaction- The mandatory and conditional fields of the transaction are explained in the procedure. If a transaction contains multiple procedures, each procedure is explained. If some functionality is present in many transactions, this functionality is explained separately.

1.5 Related Information Sources

For more information on Oracle Banking Digital Experience Patchset Release 22.2.1.0.0, refer to the following documents:

- Oracle Banking Digital Experience Licensing Guide
- Oracle Banking Digital Experience Installation Manuals

2. Transaction Host Integration Matrix

Legends

NH	No Host Interface Required.
✓	Pre integrated Host interface available.
×	Pre integrated Host interface not available.

Sr No.	Transaction Name / Function Name	Oracle FLEXCUBE Core Banking 11.10.0.0.0	Oracle FLEXCUBE Onboarding 14.7.0.0.0	Third Party
1	Liveness Check – Assisted	×	×	✓
2	Liveness Check – Unassisted	×	×	✓
3	National ID Verification	×	×	✓

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3. Online KYC Modes

KYC is the abbreviation for Know Your Customer, also sometimes referred to as Know Your Client. KYC or KYC check is the mandatory process that banks and financial institutions employ to verify the identity of potential customers whenever an account, loan or credit card application is being made. KYC check is also undertaken periodically for existing customers, as and when the need arises.

KYC check is important as it is the means by which banks and financial institutions can ensure their customers are genuine and also ensure that no customers that are involved in illegal activities such as terrorism, money laundering or other illegal schemes, are onboarded to the bank.

Based on the outcome of the KYC check, the bank or financial institution may decide whether to open the account/loan/credit card (in case of originations) or not for the applicant.

OBDX supports Online KYC of Retail Individuals as well as Stakeholders (part of SMB Applications) that are new to the bank. There are several modes/means by way of which Online KYC can be conducted in the Retail and SMB Application Forms. They are as follows –

- Liveness Check – Assisted Mode and Unassisted Mode
- National ID Verification

The Online KYC mode that is part of an application form will be dependent on the mode that is enabled as part of the Originations Workflow Maintenance undertaken by the bank administrator for the specific product category.

This user manual documents the Online KYC modes that can be enabled for an application form initiated on behalf of a business. The Online KYC modes are applicable for stakeholders of the business that are new to the bank.

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3.1 Liveness Check

Liveness check can be available in two forms – assisted and unassisted.

If liveness check is enabled for the product application, you will be provided with the option to have your KYC verified through liveness check. If you opt to go through with liveness check, you will be required to first upload images of an ID proof document.

Depending on the mode i.e. assisted or unassisted, once you have uploaded the ID proof images, you will either be placed in a video call with a bank executive who will verify whether the identity proof you have provided is valid or not or be guided into centering your face in line with the device's camera so that the system can click your photograph (selfie).

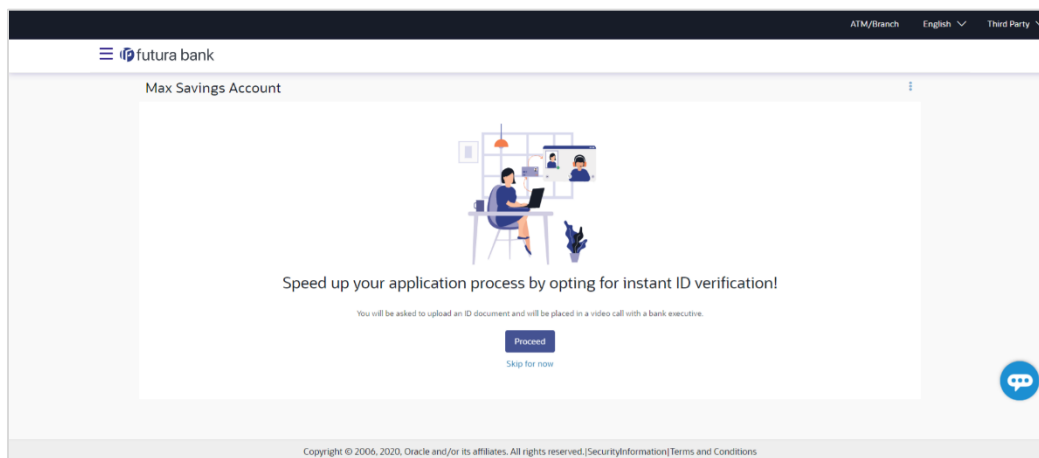
In case of assisted mode, the bank executive will also conduct other checks that comprise of liveness check and will proceed to provide either positive or negative feedback.

In case of unassisted mode, the third party ID verification system will complete the steps required to complete liveness check. If the system approves your liveness check, you will be able to proceed with the application form.

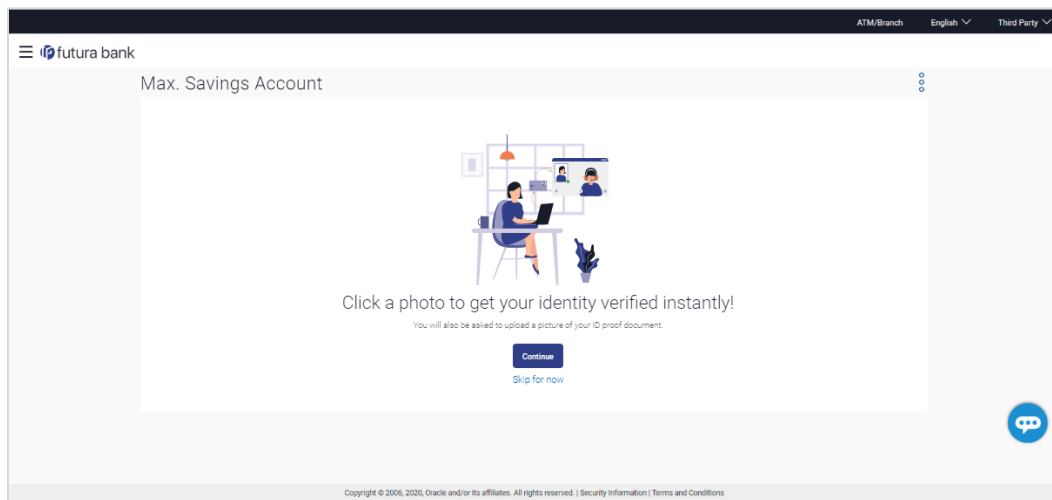
In both cases, upon a positive outcome, i.e. if liveness check is completed successfully, you will be able to proceed with the application form and your personal information section will be prefilled with data as fetched from the ID proof that you have provided as part of this step. However, if the feedback is negative, you will be informed of the same and the bank will conduct your KYC check manually. You will still be allowed to proceed with the application form. However, your personal information section will not be prefilled with information and you will be required to enter all information manually.

Liveness Check – Introductory Page

Assisted Mode



Unassisted Mode



1. Click **Continue** to proceed with Liveness Check. The first page of liveness check will be displayed.

OR

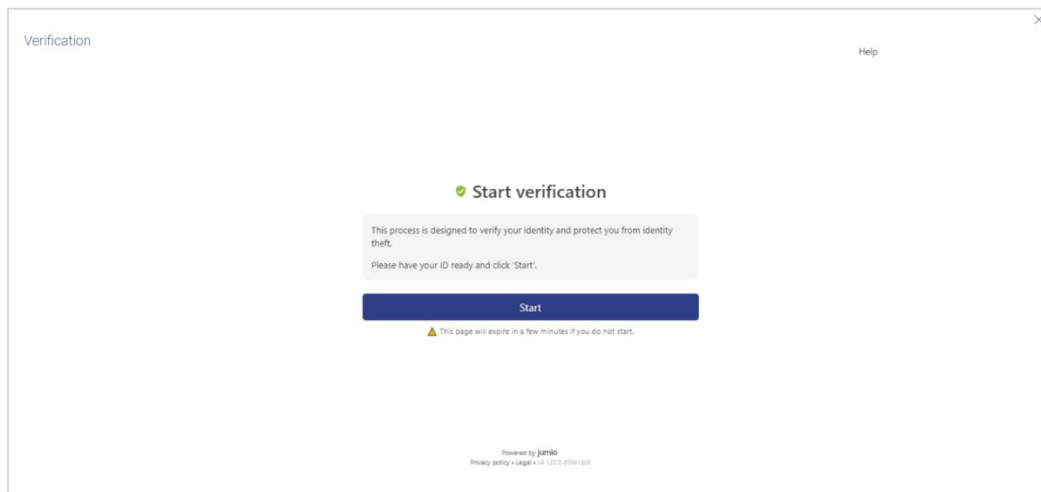
Click **Skip for now** if you do not wish to go through with liveness check. The **Upload Documents** page will be displayed.

OR

Under the kebab menu –

- Click the **Save and Continue Later** option to save the application.
OR
Click the **Continue on Mobile** option to continue the application on a mobile device.

Liveness Check – Start Verification



2. Click **Start** to start with the liveness check flow.

Liveness Check – Identity Proof Selection

In this step, you will be required to choose an identification document that you would like to provide for liveness check. Your liveness check and identity verification will be conducted on the basis of this document. In the next step you will be required to upload images of the identity proof you have selected.

The screenshot shows a mobile application interface for identity verification. At the top, there's a 'Verification' header with a back arrow and a 'Help' link. The main content area has two sections: 'Choose issuing country/region' with a dropdown menu currently showing 'India', and 'Select ID type' with a subtext 'Use a valid government-issued photo ID.' Below this, there are three selectable options: 'Passport', 'Driver's license', and 'Identity card'. At the bottom, it says 'Powered by Jumio' with links for 'Privacy policy' and 'Legal'.

3. From the **Choose issuing country/region** field, select the country that has issued the identity proof you wish to provide for liveness check.
4. From the **Select ID type** field, select the identification proof that you wish to provide. The next step of Liveness Check gets displayed.

Liveness Check – Option for document upload

In this step, you can select the method through which you would like to upload images of the identity proof you have selected.

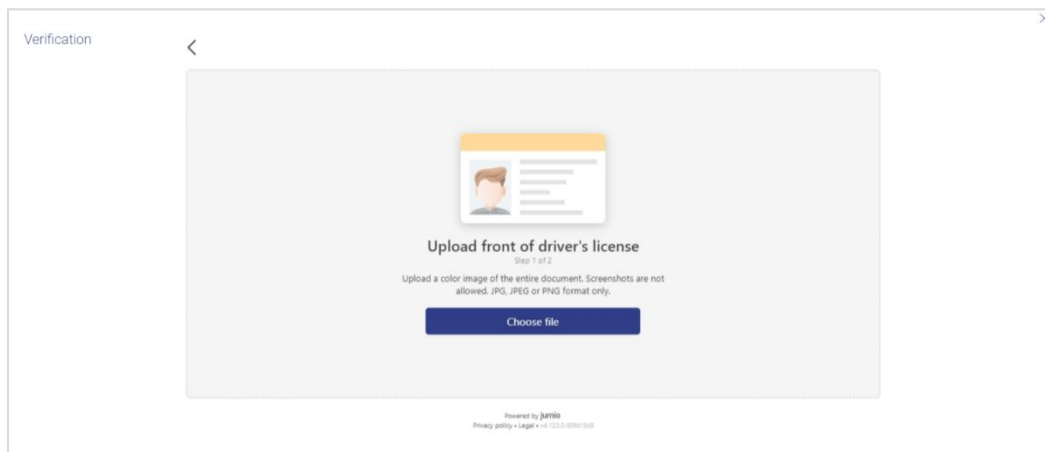
The screenshot shows the next step in the verification process. The header remains 'Verification' with a back arrow and 'Help' link. The main content area now features a section titled 'Submit driver's license'. Below this title, there are two options: 'Upload file' (with a cloud icon) and 'Prefer to use your mobile?' (with a mobile phone icon). The bottom of the screen still displays 'Powered by Jumio' with 'Privacy policy' and 'Legal' links.

5. Select the option of choice.
 - a. If you have selected the option **Upload file**, your device's browse file feature will get enabled and you will be able select images of the front and back of the document you wish to provide.

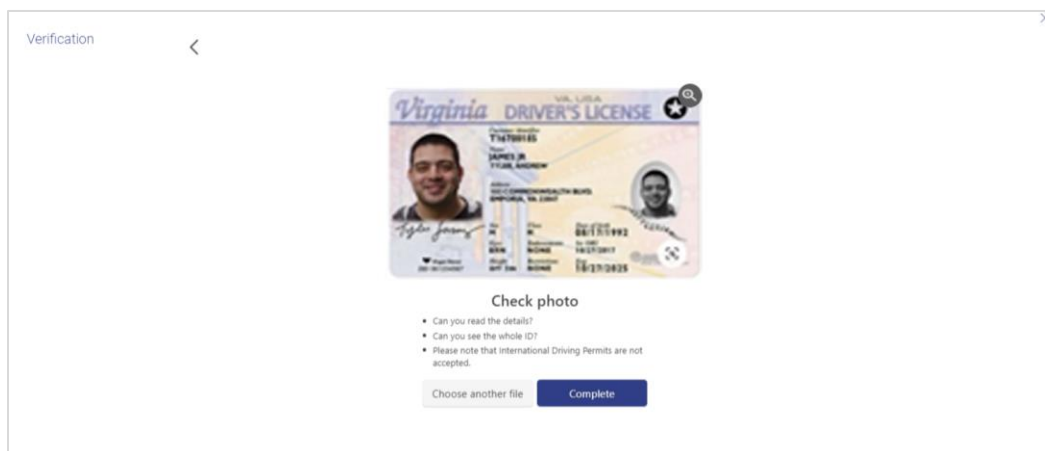
- b. If you selected the option **Prefer to use your mobile?** you will be displayed a screen containing a field in which you can enter your email address as well as a QR code you can scan. You will be able to enter your email address so as to have the link sent to your email address. In this case you can proceed to access your email on the device and select the link on which you wish to continue liveness check or you can scan the QR code on the device on which you wish to continue your liveness check.
- c. If you are applying from a mobile device or a device that has a camera, the option to **Take photo** will appear. If you select this option, your device's camera will get enabled and you will be able to click pictures of the front and back of the document you wish to provide.

Liveness Check – Upload Identity Proof Images

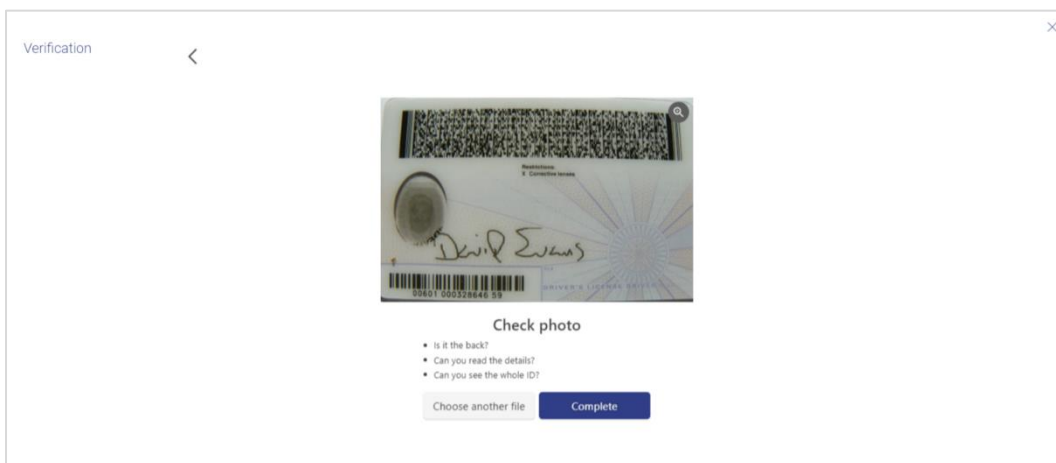
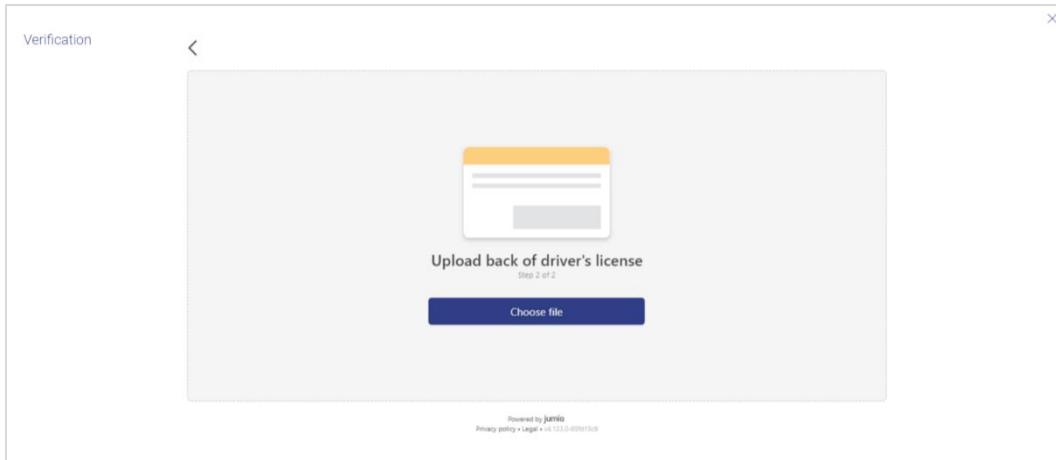
In this step, you can upload images of the front and back of the identity proof document you wish to provide for liveness check. Once you have added images, the system will undertake a check to ensure the quality of the document images you have uploaded is good and readable.



The screenshot shows a 'Verification' window with a back arrow and a close 'X' button. The main content area has a light gray background. At the top center is a placeholder icon for a driver's license. Below it, the text reads 'Upload front of driver's license' followed by 'Step 1 of 2'. A smaller line of text states: 'Upload a color image of the entire document. Screenshots are not allowed. JPG, JPEG or PNG format only.' A blue button labeled 'Choose file' is centered below the text. At the bottom, in small font, it says 'Powered by JAMIS' and 'Privacy policy • Legal • © 2020 JAMIS'.



The screenshot shows the 'Check photo' screen within the 'Verification' window. It features a back arrow and a close 'X' button. The central image is a scan of a Virginia Driver's License for James J. Taylor, showing both the front and back. Below the image, the text 'Check photo' is displayed. A bulleted list of instructions follows: 'Can you read the details?', 'Can you see the whole ID?', and 'Please note that International Driving Permits are not accepted.' At the bottom, there are two buttons: 'Choose another file' and a blue 'Complete' button.



6. Click **Choose file** to upload the front image of the identity proof document. The file browser window is opened through which you can browse your device and upload the image of choice.

Once you have uploaded the image, it is displayed on the page with the options to either **Choose another file** or **Complete** upload of the image.

- a. If you select **Choose another file**, the file browser window is opened and you can selected a different image to replace the one you had selected previously.
 - b. If you select **Complete**, the image gets uploaded and the page on which you can upload the back image of the identity proof document is displayed.
7. Click **Choose file** to upload the back image of the identity proof document. The file browser window is opened through which you can browse your device and upload the image of choice.

Once you have uploaded the image, it is displayed on the page with the options to either **Choose another file** or **Complete** upload of the image.

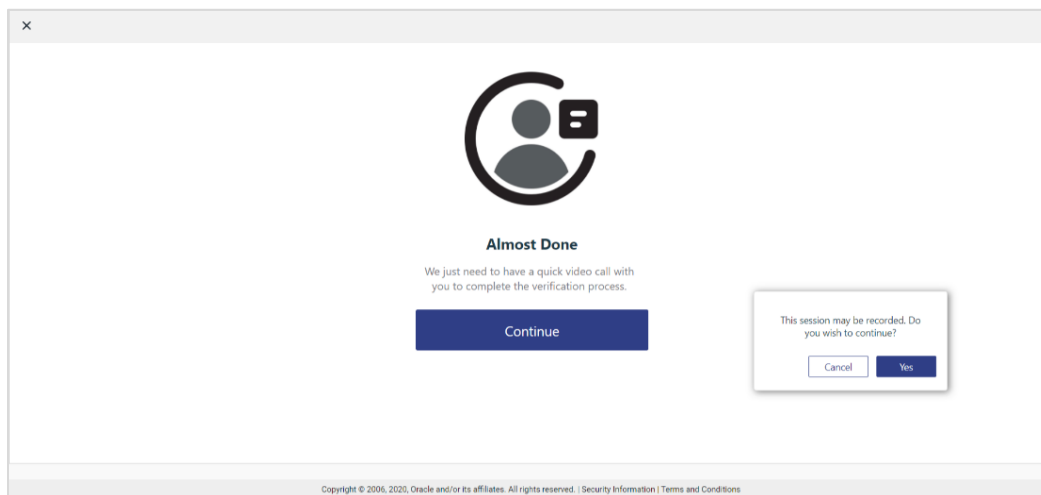
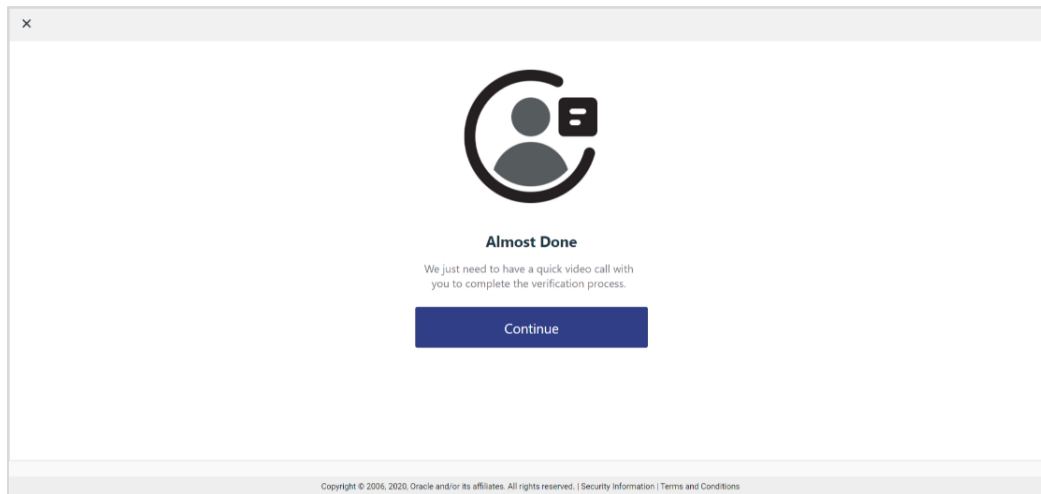
- a. If you select **Choose another file**, the file browser window is opened and you can selected a different image to replace the one you had selected previously.
 - b. If you select **Complete**, the image gets uploaded and the next step of the liveness check flow gets displayed.

3.1.1 Liveness Check – Assisted Mode

The following steps are applicable when the assisted mode of liveness check is enabled for the product category.

Liveness Check – Video KYC Initiation

Once you have uploaded the images of your identity proof document, you will be requested to proceed onto a video call with a bank executive.



8. Click **Continue** if you agree to enter into a video call with a bank executive.

A modal window is displayed informing you that the video call might be recorded.

Click on **Yes** if you wish to continue with the video call.

OR

Click **Cancel** if you wish to cancel.

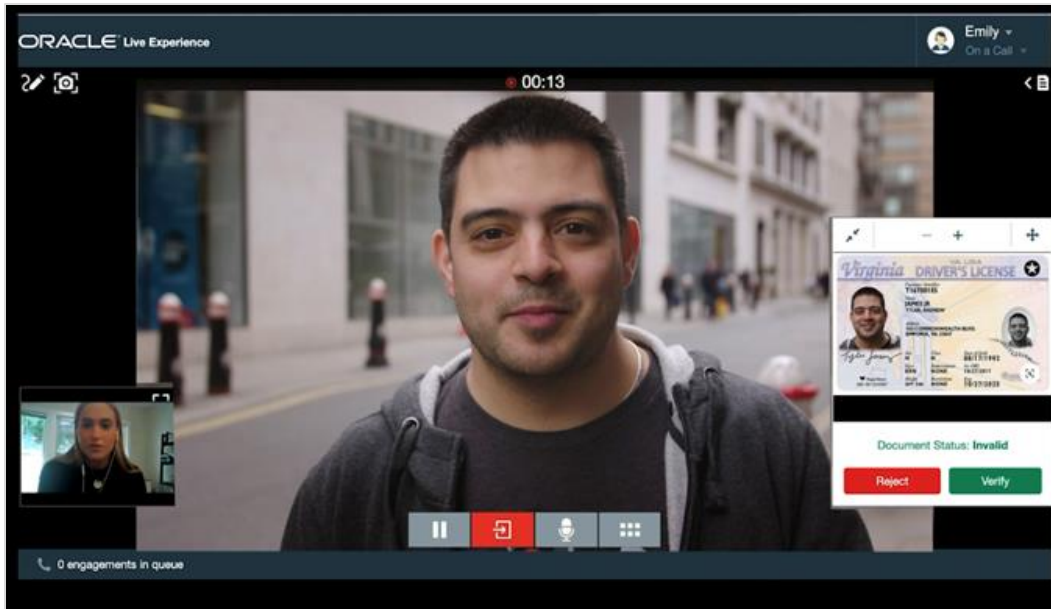
9. Click **Share** to share the images of the identity proof documents with a bank executive. You will be added into a video call with a bank executive.

OR

Click **Cancel** to cancel the process.

Liveness Check – Video KYC

On clicking **Yes**, a video call will be initiated between a bank executive and you. The bank executive will ask you a series of question and will verify your identity and liveness. Once the bank executive has completed the verification checks, he/she will either approve or reject the liveness check and will end the video call.



10. If the bank executive has approved the liveness check, you will be displayed a success message.

OR

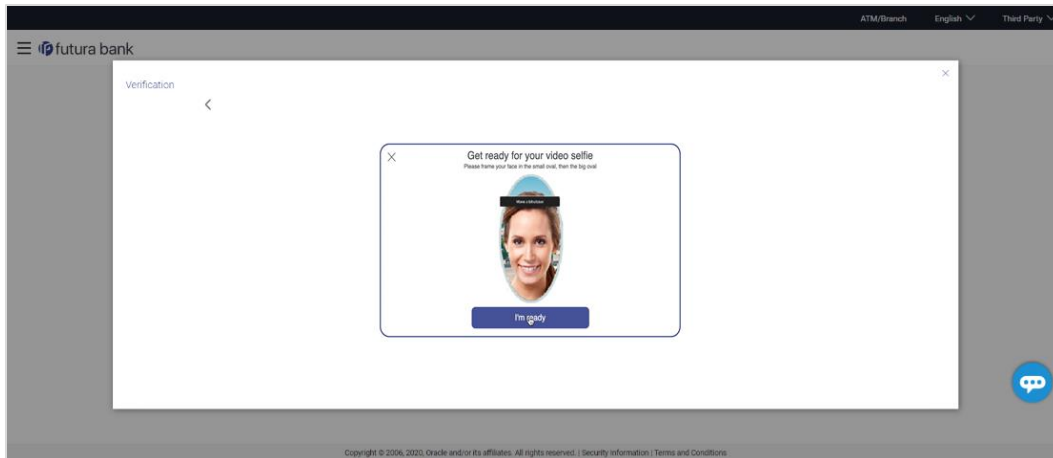
If the bank executive has rejected the liveness check, you will be displayed a failure message.

3.1.2 Liveness Check – Unassisted Mode

The following steps are applicable when the unassisted mode of liveness check is enabled for the product category.

Liveness Check – Selfie Capture

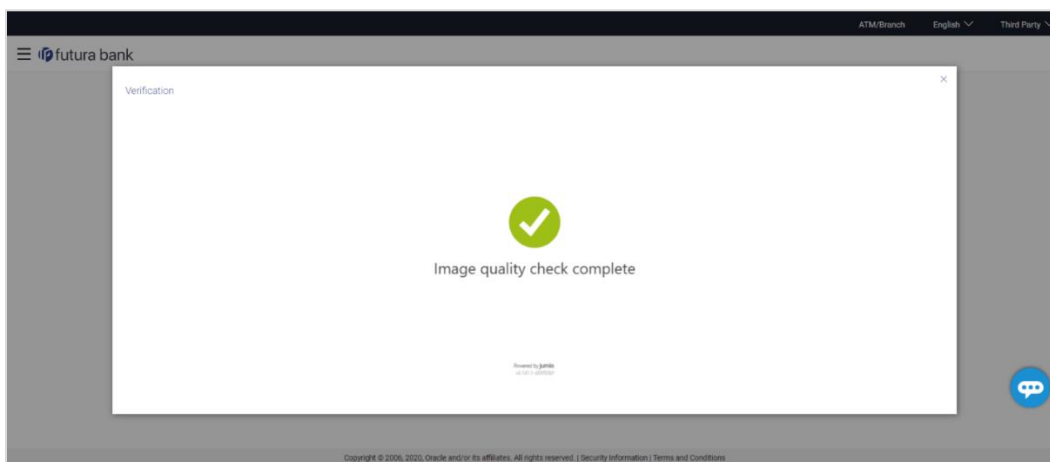
Once you have uploaded the images of your identity proof document, you will be guided to center your face so that it is within the frame of the device's camera. The system will then automatically click your photograph which will be used to complete your liveness check.



11. Click **Start** to begin face verification.
 The device's camera will be switched on and the system will display commands guiding you to align your face to the device's camera.

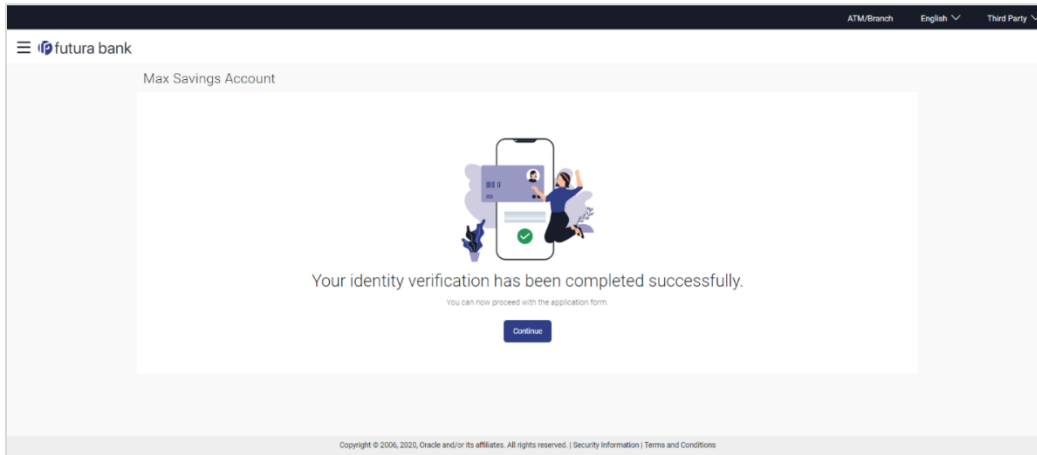
Liveness Check – Image Quality Check Outcome

Once the selfie has been clicked and the system has successfully completed the image quality check, the following message will be displayed briefly to indicate the same, followed by the liveness check success message.



Liveness Check Outcome – Success

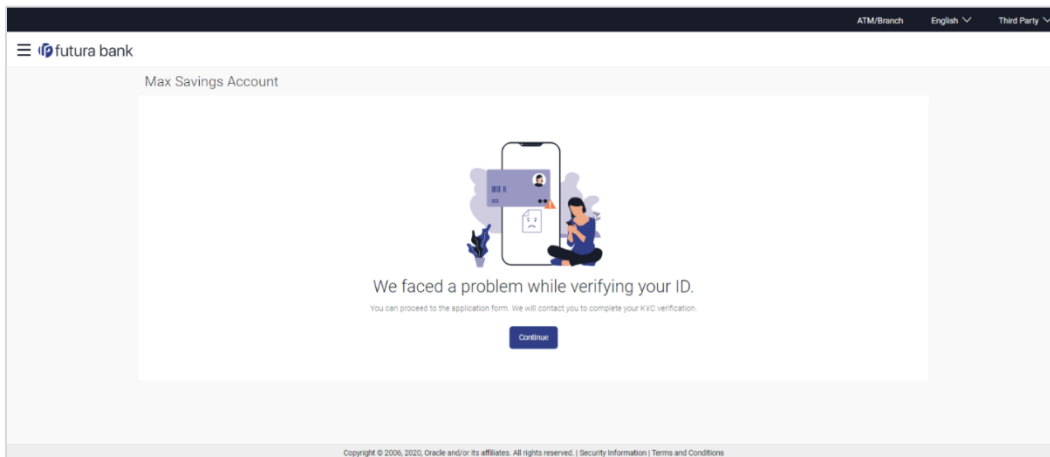
In both modes (assisted and unassisted) of liveness check, once your identity verification has been completed successfully, the following message will be displayed.



12. Click **Continue** to continue with the application form. The next step in the application form will be displayed.

Liveness Check Outcome - Failure

If the liveness check has failed (applicable to both modes – assisted and unassisted), you will be displayed the following failure message.



13. Click **Continue** to continue with the application form. The next step in the application form will be displayed.

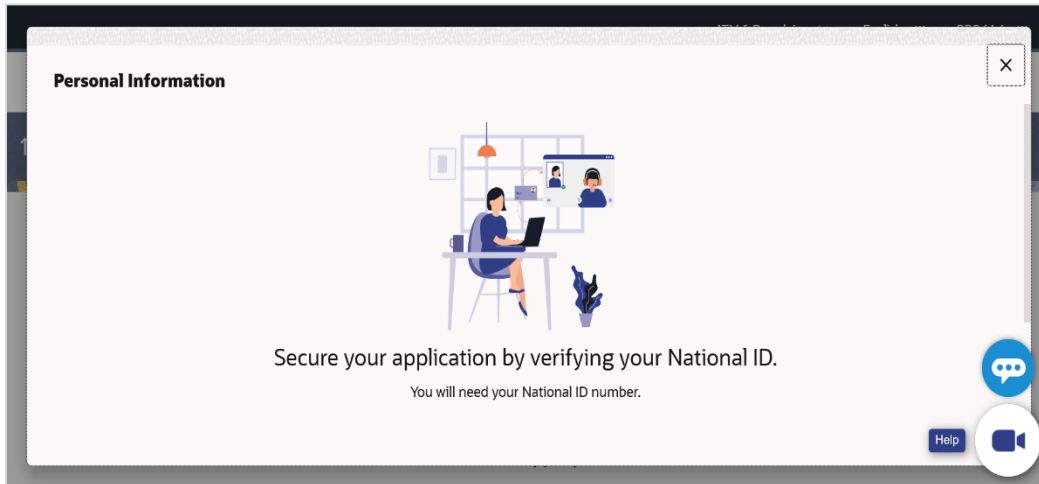
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3.2 National ID Verification

The bank can configure a step for national ID verification. You must provide your national ID number and consent to allow the bank to fetch your details from the respective third party system based on the Identification that you provide.

Using this option, the application fetches your personal details and populates them in the respective fields in the Personal Information step.

National ID Verification – Introductory Page



13. Click **Proceed** to proceed with national ID verification. The first page of national ID verification will be displayed.

OR

Click **Skip for now** if you do not wish to go through with national ID verification. The **Upload Documents** page will be displayed.

OR

Under the kebab menu –


- Click the **Save and Continue Later** option to save the application.
OR
Click the **Continue on Mobile** option to continue the application on a mobile device.

ID Verification

ATM/BranchEnglishRPM 14.4

futura bank

Max. Savings Account



Enter your Social Security Number details

An OTP will be sent to the mobile number registered with your selected ID.

Title

Mr.

First Name

Sam

Middle Name (Optional)

Last Name

Desouza

Date of Birth

23 Aug 1994

Social Security Number

SA54353464

☒ I hereby provide my voluntary consent to Futura Bank to fetch my personal information based on the National ID furnished and use the details for opening an account.

Send OTP

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Field Description

Field Name	Description
Title	The salutation/title applicable to you. Examples of salutation are Mr., Mrs., Dr. etc.
First Name	Your first name.
Middle Name	Your middle name, if applicable.
Last Name	Your last name.
Date of Birth	Your date of birth. The format of the date should be DD/MM/YYYY.

Field Name	Description
Select ID	<p>The type of national IDs supported. (as configured by the Bank)</p> <p>The options are:</p> <ul style="list-style-type: none"> • Passport • Aadhaar • Social Security Number • Driving License <hr/> <p>Note : This field will be displayed only if multiple ID proof types are supported for the geography in which the application is being made.</p>
ID Number	Enter the ID number of the ID that you have selected in the drop-down list.
Consent	The option to grant consent to the bank to fetch applicant information from the respective agency to auto complete the application form.

14. From the **Title** list, select the title that applies to you.
15. In the **Last Name** field, enter your last name.
16. In the **First Name** field, enter your first name.
17. In the **Middle Name** field, enter your middle name, if applicable.
18. From the **Date of Birth** date picker, select your date of birth of yours.
19. From the **Select ID** list, select the type of ID you would like to provide.
20. In the **ID Number** field, enter the national ID number.
21. Click **Continue**. An OTP alert is send to your mobile number. The Enter OTP screen appears.
OR
Click **Back** to navigate back to the previous page.
OR
Under the kebab menu –
 - Click the **Save and Continue Later** option to save the application.
OR
Click the **Continue on Mobile** option to continue the application on a mobile device.

Complete ID Verification

The screenshot shows the Futura Bank mobile app interface. At the top, there's a dark header with 'ATM/Branch', 'English', and 'RPM 14.4'. Below that, the user's name 'Max.' and 'Savings Account' are displayed. The main content area features a circular illustration of a person sitting cross-legged, holding a phone, with a speech bubble containing four stars. Below the illustration, the text 'Enter OTP' is centered, followed by a message: 'An OTP has been sent to the mobile number registered with your specified ID.' There is an input field containing the number '1111' and a blue 'Verify' button. Below the input field, there are two links: 'Didn't receive the OTP? Resend' and 'Back'. At the bottom, a small copyright notice is visible: 'Copyright © 2006, 2020, Oracle and/or its affiliates. All rights reserved. | Security Information | Terms and Conditions'.

Field Description

Field Name	Description
OTP	Specify the OTP sent on your mobile number.

22. Enter the OTP (one time password) and click **Verify**. If you are applying via the mobile device of the specified mobile number, you can select the OTP auto read option to have the OTP auto filled in the input field.

The screen containing the success message of national ID verification is displayed.

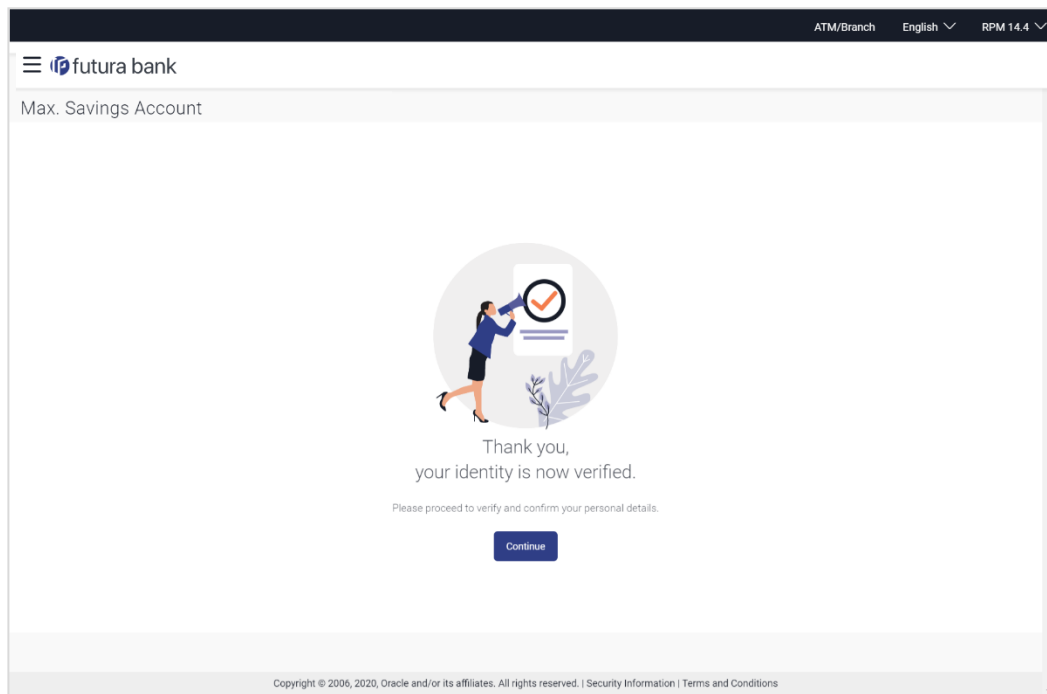
OR

Click **Resend Code** to request for a new OTP to be generated and sent to your mobile number if have not received the OTP.

OR

Click **Back** to navigate back to the previous page.

ID Verification Success page



23. Click **Continue** to proceed to the next step in the application.

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FAQ

1. How does Liveness Check – Unassisted mode work?

As part of the unassisted mode of liveness check, you will be required to first upload the front and back images of any identity proof that you wish to be considered. Once the system has verified that the images are clear and usable, you will be guided to click a selfie. The third party liveness check system, will compare the images of your selfie as well as identity proof and provide an outcome on the basis of whether the images match or not.

2. How does Liveness Check – Assisted mode work?

As part of the assisted mode of liveness check, you will be first requested to upload the front and back images of any identity proof that you wish to be considered. The system will then verify that the images are clear and usable. Once this is done, you will be guided to enter into a video call with a bank executive. The bank executive will be able to access the images of your uploaded identity proof and may ask you certain questions. The bank executive will take a decision on the basis of your interaction and also whether the image on your identity proof matches that of your image as visible to the bank executive in the video call.

3. How does National ID verification work?

The bank can integrate with government or other third party systems (which store and maintain data of National ID holders), through available hook points. Online authentication will be performed to verify the identity claim of the ID holder and to fetch the required personal information.

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