

Test Plan for "Individual Investor - Upgrade To Premium"

1. Test Plan

Objective:

To validate that the feature "Upgrade To Premium" for individual investor accounts functions correctly, meeting all acceptance criteria and providing a seamless user experience.

Scope:

- Functional Testing
- UI/UX Testing
- Integration Testing
- Security Testing
- Performance Testing

In-Scope Features:

- Account Upgrade button functionality
- Verification and selection of criteria
- Document upload and verification process
- Notifications for user and staff

Out-of-Scope:

- Non-verified users
- Backend services outside of the upgrade process

Test Environment:

- Web application (both desktop and mobile versions)
- User roles: Verified Individual Investor, Compliance Department Staff, Relation Manager

Test Deliverables:

- Test Plan
- Test Cases
- Test Runs
- Test Summary Report

2. Risk-Based Testing (RBT)

Risk-Based Testing Analysis

High-Risk Areas:

- Incorrect validation of premium upgrade criteria
- Failure to upload and store documents securely
- Notification failures to user or staff
- Unauthorized access to sensitive documents

Medium-Risk Areas:

- UI inconsistencies across devices
- Delays in approval notifications

Low-Risk Areas:

- Non-functional UI elements
- Minor UI/UX design issues

3. Test Cases

Acceptance Test Cases:

1. **Test Case ID:** TC001

Title: Verify the "Upgrade To Premium" button functionality

Steps:

- Login as a verified individual investor.
- Click on the "Upgrade To Premium" button. **Expected Result:**
The user is directed to the page with the upgrade criteria.

2. **Test Case ID:** TC002

Title: Verify selection of criteria for premium upgrade

Steps:

- On the criteria selection page, choose any one criterion.
- Submit the selection. **Expected Result:**
The user can proceed to the document upload page.

3. **Test Case ID:** TC003

Title: Verify document upload functionality

Steps:

- On the document upload page, upload the necessary documents.
 - Click the "Submit" button. **Expected Result:**
The documents are uploaded successfully, and a notification is sent to the user.
4. **Test Case ID:** TC004
Title: Verify notifications to compliance department staff
Steps:
- Submit the document upload. **Expected Result:**
Compliance staff are notified of the new request.
5. **Test Case ID:** TC005
Title: Verify notification to the relation manager
Steps:
- Submit the document upload.
 - Wait for the compliance team's action. **Expected Result:**
The relation manager receives a notification regarding the request status.

Edge Test Cases:

1. **Test Case ID:** TC006
Title: Verify error handling for invalid document formats
Steps:
- Attempt to upload a document in an unsupported format. **Expected Result:**
An error message is displayed, and the upload is not processed.
2. **Test Case ID:** TC007
Title: Verify the process for users with no selected criteria
Steps:
- Attempt to proceed without selecting any criteria. **Expected Result:**
The system prevents proceeding and shows a validation error.
3. **Test Case ID:** TC008
Title: Verify timeout handling during document upload
Steps:
- Simulate a network timeout during document upload. **Expected Result:**
The system retries or prompts the user with an appropriate error message.

4. Test Runs

Test Run Plan:

Test Run 1: Functional Testing

- Execute all functional test cases (TC001-TC005).

Test Run 2: Negative and Edge Case Testing

- Execute edge test cases (TC006-TC008).

Test Run 3: Integration Testing

- Test interactions between user actions, document handling, and notification services.

Test Run 4: UI/UX Testing

- Verify the user interface and user experience across different devices and browsers.