Title: Individual Investor - Upgrade To Premium

Test Plan

Objective: Ensure that verified individual investors can upgrade their accounts to premium, provided their eligibility criteria are met and required documents are submitted.

Scope:

1. Functional Testing:
    a. Validate the "Upgrade to Premium" button and the eligibility criteria selection.
    b. Verify document upload and notification functionalities.
    c. Validate the compliance team's ability to review requests.
2. Non-functional Testing:
    a. Performance testing (response times for document upload and request approval).
    b. Security testing (data integrity and access control for sensitive documents).

Entry Criteria:

1. The feature is developed and deployed in the test environment.
2. Completion of dev documentation.
3. Test environments are set up.
4. All test data and user credentials are prepared.

Exit Criteria:

1. All high-severity defects are resolved.
2. Acceptance criteria are fully met.
3. Test coverage is 100% for functional scenarios and 80% for edge cases.

Risk-Based Testing (RBT)

1. Eligibility Criteria Validation:
    a. Risk: Incorrect or incomplete eligibility validation.
    b. Mitigation: Thorough testing of each option selection and its behavior.

2. Document Upload:
    a. Risk: Upload failures or incorrect document associations.
    b. Mitigation: Test file size limits, formats, and handling of corrupted files.
3. Notification Delivery:
    a. Risk: Notifications not delivered to users or compliance teams.
    b. Mitigation: Validate notification triggers and delivery statuses.
4. Compliance Review Workflow:
    a. Risk: Failure in the compliance department's ability to approve/reject requests.
    b. Mitigation: Ensure role-based access control and functionality.

Possible Test Cases

Acceptance Criteria Test Cases:

1. Upgrade to Premium Button:
    a. Verify that the "Upgrade to Premium" button is visible to verified users only.
    b. Test that clicking the button redirects the user to the eligibility criteria page.
2. Eligibility Criteria Selection:
    a. Validate that users can select one of the following options:
        i. Assets worth 3 million SAR.
        ii. Work experience in the financial sector for 3+ years.
        iii. A certificate in finance or investment from an accredited organization.
    b. Ensure that selecting multiple options is handled correctly
3. Document Upload:
    a. Verify users can upload required documents after selecting an eligibility criterion.
    b. Test uploading maximum file size and handling larger files.
    c. Validate file format
4. Compliance Team Review:
    a. Ensure compliance staff can view user-submitted requests.
    b. Verify that compliance staff can approve or reject requests.
5. User Notifications:
    a. Validate that users receive a notification confirming document uploads.
    b. Verify that users receive a notification once their request is approved or rejected.

Edge Cases:

1. Test behavior when no option is selected, and the user tries to proceed.
2. Validate incorrect or incomplete option selections (e.g., partially filled data).
3. Upload unsupported file formats and verify system rejection.
4. Test scenarios with network interruptions during uploads.
5. Validate duplicate uploads and overwrite handling.
6. Ensure system behavior when relation manager notifications fail.

7. Simulate compliance team inactivity and verify proper escalation workflows.

Test Runs

Run 1: Functional Test Run
Run 2: Security Test Run
Run 3: Performance Test Run
Run 4: Usability Test Run
Run 5: Regression Test Run