1.1 Document Author

The document author is

Author	Title	Telephone	Email Address
Rajesh	QA Lead		

1.2 Document Revision

Version	Date	Author	Reason for Change
0.1	11/19/2024	Rajesh	Initial Draft

2.1 Purpose

The objective of this project is to outline the test efforts to be undertaken for the 2025 release. Following are the features covered.

- Registered User Login from a New Device.
- Individual Investor - Upgrade to Premium.
- Departments Approval.
- Corporate investor - Commercial Registration Verification Via [X].

2.2 In Scope

Following are the testing types in scope for QA team.

- Smoke Testing – Basic functionality scripts which will be automated and run throughout the project duration
- Functional Testing- Components being tested in silos by virtualization dependencies.
- Integration Testing- Integrated Testing for all modules
- Device Testing- Testing on Mobiles and Tabs
- Regression Testing- Existing functionality and rerun of feature flows in RB
- Automation Testing

2.3 Schedule

Name	StartDate/End Date
Requirement Analysis	24-Nov-24 10-Apr-25
Test Design & Review	1-Dec-25 11-Dec-25
Test Execution	16-Dec-25
Regression	TBD
Rollout	TBD

2.4 Estimations

Total Efforts

- o Test Design
- o Test Execution
- o Test Automation

2.5 Project Resources

QA Members	Shared/Dedicated
Resource 1	
Resource 2	
Resource 3	
Resource 4	
Resource 5	

2.6 Risks & Contingencies

- Lack of personnel resources when testing is to begin.
- Lack of availability of required hardware, software, data or tools.
- Late delivery of the software, hardware or tools.
- Delays in training on the application and/or tools.
- Changes to the original requirements or designs.

3.1 Testing Strategy

Automated smoke suite will be run every day to ensure build is stable enough for further testing

Performance testing will be carried out on feature branch Backward compatibility testing will be performed to ensure new backend specific changes has no impact on previous functionalities

3.2 Test Environment

Based on the changes that are done by different teams the environment will vary.

Dependent teams:

Portal

Environment could be BETA, QA or Any.

3.3 Nonfunctional Requirements

Types of Testing	Applicable (Yes/No)
Performance Testing	Yes
Automation testing	Yes
Network Testing	Yes
Security Testing	Yes

3.4 Assumptions

Test Environment will be available during testing hours

All code delivery will be unit tested (development environment) and checked out after migration to test environments by development teams, prior to turnover to testing resources.

Urgent defect will be fixed within 24-hour time frame.

All Urgent and High defects will be fixed before regression testing starts.

3.5 E2E Cases

1. Given that my account has been already created in the system.

When I am on the login page.

And, I click on "Login" Button.

Then I should be able to enter my phone number and password.

And I should be able to click on next button.

And the system should validate my inputs.

Then I should be redirected to enter the received OTP.

And I should be able to click on "Login" button, and login successfully.

And the system should notify me with a successful login message.

And the system should send SMS notification to the user after the successful login from new

device.

And the user account should be Logged out from all other logged-in devices.

And I should be redirected to the home page.

2. Given that I am a verified individual investor user.

And I want to upgrade to premium account.

When I click on "upgrade to premium" button.

Then I should be able to choose at least one of the following types:

• Do you have assets worth amount 3 million SAR?

• Do you work or has been worked before in the financial sector position related to investment or finance for at least 3 years?

• Do you have a certificate in finance or investment sector from an accredited internationally recognized organization?

When I selected one option from the previous page.

Then I should be able to upload documents, and prove ownership of these documents.

And the compliance department staff members should be able to view and approve the upgrade request.

And the relation manager responsible of this user account should be notified by the compliance team about the request status.

And I should get a notification once the documents are uploaded successfully.

3. Given: that all relevant departments and the relationship manager have approved a loan request.

When the system processes the final approval.

Then the loan requester should receive an SMS indicating the approval status.

4. Given that a loan request has been rejected at any stage of the approvals process with specified reasons.

When the system processes the rejection at any step during departments approvals stage.

Then the Relation manager responsible of this request should be notified to communicate the reasons with the loan requester and solve the issues.

5. When the relation manager rejects the loan request. (Final Rejection)

Then the loan requester should receive an SMS indicating the rejection with the specified

reasons provided by the relation manager only.

6. Given that a loan request is currently in review by a specific department.

When the department representative reviews the request.

Then they should see an "Approve" button.

When the representative clicks "Approve".

Then the request should be marked as approved from their department.

7. Given that a loan request has been approved by multiple departments.

When the system user views the details of the request.

Then they should see a section displaying all departments that have approved the

request, with the staff members who gave the approval and the timestamp of each

approval.

3.5 Test Reporting

Standard Test Reporting Process is followed wherein the reports will be produced by the Test Lead which will include current Total Test Cases created, Total Test Cases executed, Total Test Cases Passed, Total Test Cases failed, Test Cases in progress, and Defects logged

1. Scrum Call is planned every day, the testing status and issues are discussed with QA team,

development team and BA.

<TBD>

4.1 Schedule of Deliverables and Resources

The management of defects and the assignment of defects during testing is the domain of the QA Team. QA team will track open defects in Version one and assign them to the appropriate development teams.
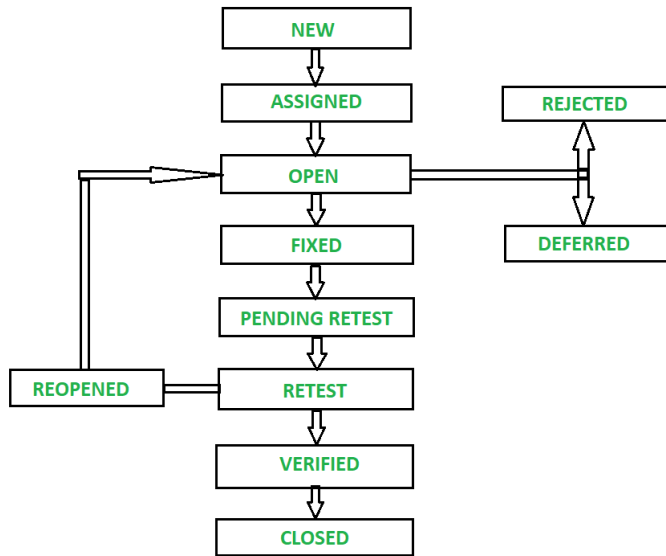
1. Following Defect Template to be followed while logging new bugs.

2. Developers are assigned.

 If QA is unsure of correct developer its assigned to Dev Lead for project.

 3. QA lead, Dev Lead and BA is tagged in the defect

Defect Life Cycle

```
        ┌──────────┐
        │   NEW    │
        └────┬─────┘
             │
             ▼
        ┌──────────┐                    ┌──────────┐
        │ ASSIGNED │                    │ REJECTED │
        └────┬─────┘                    └────┬─────┘
             │                               ▲
             ▼                               │
   ┌──────►┌──────────┐═══════════════════════
   │       │   OPEN   │                       │
   │       └────┬─────┘                       ▼
   │            │                        ┌──────────┐
   │            ▼                        │ DEFERRED │
   │       ┌──────────┐                  └──────────┘
   │       │  FIXED   │
   │       └────┬─────┘
   │            │
   │            ▼
   │       ┌───────────────┐
   │       │ PENDING RETEST│
   │       └────┬──────────┘
   │            │
 ┌───────────┐  ▼
 │ REOPENED  │═┌──────────┐
 └───────────┘ │  RETEST  │
               └────┬─────┘
                    │
                    ▼
               ┌──────────┐
               │ VERIFIED │
               └────┬─────┘
                    │
                    ▼
               ┌──────────┐
               │  CLOSED  │
               └──────────┘
```

5.1 Sign OFF Criteria

Sign off or conditional signoff will be provided based on the priority defects observed.