## Test Strategy for Card Management

Objective: The objective is to test the end-to-end functionality, usability and UI validation of the Alfardan Exchange Card Management module and ensure it meets the business and technical requirements.

### Scope

#### In scope:

- Customer creation flow

- Primary Card flows - create, receive, issue, close, cancel card

- Transaction flows - initial topup, topup, withdrawal, void, failed transactions

- Supplementary card flow - create, receive, issue, close, cancel card

- Card stock flows - card request, view card, request card receive

- Card transfer flows - transfer, transit, received card

- Email notification - OTP, transactions, card flows

- Card setups - add card program, add agent, add location

- Role management flows - branch user (maker), branch manager (checker), head office (admin)

#### Out scope:

- Physical fulfillment of orders

- 3rd party integrations not related to core functionality

### Focus Areas

- Functional correctness of flows

- UI navigation

- UI / UX appearance and usability

- Validation and notification

- Email receiving

### Approach

- Black box and gray box testing techniques

- Exploratory testing for key workflows

- Smoke, sanity and Regression testing

### Deliverables

- Functional test cases and reports

- Email template

- Receipt template

- Client demo feedback document

### Team & Schedule Testing

* team of 5 members needed for 6 months testing effort Proposed schedule:

- Dec to march: Functional testing

- April: Regression testing

- May: new feature testing

- june: System testing, UAT

### Entry & Exit Criteria User stories

* to be tested must meet the defined 'Ready for Testing' criteria.
* Testing completes when all test cases execute with no critical defects outstanding.

### Risks

Delay in test environment availability

- Lack of access to third party payment systems

- Complex workflows may require more time and resources