**Test Plan for Digital Bank Website**

**Test Plan ID:** DB-TP-1.0  
**Test Plan Name:** Digital Bank Website Cross Browser Testing  
**Prepared By:** Walaa Elsayed Elkholy

**Date:** 18/9/2024  
**Version:** 1.0

**1. Introduction**

This test for website cross-browser testing supports the following objectives:

1. To define the tools to be used throughout the testing process

2. To communicate to the responsible parties the items to be tested, schedule and define

the environmental needs

3. To define how the tests will be conducted

**2. Test Items (Functions)**

The system should be tested on Windows, Linux, and Mac machines.

**3. Features To Be Tested**

Features to be tested include the following:

• Registration page

• Login page

• Home page

• Checking

• Savings

• Deposit

• Withdraw

• Transfer

**4. Features Not To Be Tested**

|  |  |
| --- | --- |
| Feature Not To Be Tested | Reasons |
| External | This was not applicable for testing as it required an external account in another system |
| Visa Direct | This was not applicable for testing as it showed that the visa API service was temporarily unavailable when selecting any visa. |

**5. Approach (Strategy)**

- Existing functionalities will be validated as part of the regression tests

- New functionalities will be validated as part of progression tests

- Fixed defects will be validated in the confirmations tests (Re-Testing)

- Once completed, the test manager should communicate the test run reports in the CM to the stakeholders

- When the test is marked as failed, a bug report will be created in the incident management tool with traceability to the related test case.

- The test leader will create test runs for each tester

- The tester will execute the tests in the CM and mark each one as Passed, Failed or Blocked

**6. Pass/Fail Criteria**

- All core functionality of the system should function as expected and outlined in each test case

- 90% of all test cases should be passed and failed test cases shouldn’t be crucial to the User’s ability to use the application

- There must be no critical defects found

**7. Suspension Criteria**

- Testing should be paused immediately if the system experiences login issues

- Testing should be paused immediately if the system experiences failure in the basic CRUD (Create, Read, Update & Delete) functionalities

**8. ENTRY CRITERIA:**

- Requirement Specification Document is ready

- Test Plan is ready

- Unit test cases are passed

- Test Environment is ready

- Test cases

**9. EXIT CRITERIA (DoD):**

- Completion of all planned test cases execution

- Zero Existing defects

- No Functional defects from any previous iterations

**10. Test Deliverables**

Upon completion of the execution, the test run results will be saved in the CM, the test manager

should report all the following test deliverables:

- Test Plan

- Test Cases

- Test Scripts (Not mandatory)

- Bug reports (Defect Reports)

- Metrices

- Test Progress report

- Test Summary report

**11. Testing Tasks**

The following activities must be completed:

- Test Plan Preparation

- Requirement Gathering and Coverage (Review and Analysis)

- Test cases implementation (Test cases writing, test scripts)

- Test cases Execution

- Test Progress and Summary reports preparation

- Confirmation Testing (Re-Testing)

**12. Test Strategy**

* Manual Testing: For exploratory and UI/UX testing.
* Automated Testing: For regression testing of critical functionalities.
* Performance Testing: Assess the performance and load handling of the application.

**13. Environmental Needs**

- The test server must be populated with availability of the test data with the required

resources

- The test must be conducted on Windows, Linux & Mac machines.

- The test must be conducted on cross browsers (Chrome, Firefox, Edge)

**14. Testing Schedule**

|  |  |  |
| --- | --- | --- |
| Sprint #N | Calendar Week | Test Deliveries |
| Sprint #1 | CW #8: CW #9 | Test Plan |
| Sprint #2 | CW #10: CW #11 | Test Plan  Requirement Gathering  Test cases implementation  Test progress report |
| Sprint #3 | CW #12: CW #13 | Test Plan  Test Cases Execution  Test Summary Report |

* **Test Execution Start Date:** 18/9/2024
* **Test Execution End Date:** 15/10/2024
* **Review and Reporting:** 20/10/2024
* **15. Responsibilities**

| **Team Member Name** | **Role** |
| --- | --- |
| Walaa Elsayed Elkholy | 1- Create Test Plan  2- Test implementation (test cases  writing, test scripts)  3- Test execution  4- Bug report |
| Basmaa Ahmed Sayed | 1- Test implementation (test cases  writing, test scripts)  2- Test execution  3- Bug report |
| MennatAllah Ahmed Mahmoud | 1- Test implementation (test cases  writing, test scripts)  2- Test execution  3- Bug report  4- Test Summary |
| Mohammad Magdy AbdulGhafar | 1- Test implementation (test cases  writing, test scripts)  2- Test execution  3- Bug report  4- Software Marketing Presentation |
| Ziad Mohammed Fathy | 1- Test implementation (test cases  writing, test scripts)  2- Test execution  3- Bug report |

**16. Risks**

* Changes to requirements during testing phases.
* Potential downtime or maintenance of the website.

**17. Approvals**

The product manager must agree on completion of the testing project and determine when it’s

ready to proceed to the next step