**Test Plan for Online Banking Application**

**Project Name:** Online Banking Application  
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**Version:** 1.0

**Introduction**

The purpose of this test plan is to outline the strategy, objectives, schedule, and scope of testing activities for the Online Banking Application. The goal is to ensure that all banking functionalities work correctly and meet business and user requirements.

**Objectives**

* Verify that all functional and non-functional requirements are met.
* Detect and report defects early in the testing process.
* Ensure a high level of quality, stability, and usability.

**Scope**

**In Scope:**

* Login and authentication
* Account overview
* Fund transfer
* Bill payment
* Transaction history

**Out of Scope:**

* Mobile app testing
* Performance and load testing

**Test Approach**

Manual testing will be performed using black-box techniques such as:

* **Equivalence Partitioning**
* **Boundary Value Analysis**
* **Error Guessing**

Testing will follow the **Agile** methodology with testing activities aligned to sprints.

**Test Deliverables**

* Test Plan Document
* Test Cases Sheet
* Bug Report Sheet
* Test Summary Report

**Test Environment**

| **Component** | **Description** |
| --- | --- |
| Application URL | https://demo-banking-app.com |
| Browser | Google Chrome (latest version) |
| OS | Windows 10 |
| Test Data | Created manually during testing |
| Tools | Jira (Defect Tracking), Excel (Test Management), Trello (Task Management) |

**Roles and Responsibilities**

| **Role** | **Name** | **Responsibility** |
| --- | --- | --- |
| Tester | Salma Abdelaleem | Test design, execution, and defect reporting |
| Developer | N/A | Fix reported defects |
| Test Lead | Self-supervised | Prepare test documentation and reports |

**Entry and Exit Criteria**

**Entry Criteria:**

* Requirements are clearly defined.
* Test environment is ready.
* Test cases are approved.

**Exit Criteria:**

* All planned test cases are executed.
* No high-severity bugs remain open.
* Test summary report is completed.

**Risks and Mitigation**

| **Risk** | **Mitigation** |
| --- | --- |
| Incomplete requirements | Validate requirements before test design |
| Environment instability | Schedule backup test runs |
| Time limitation | Prioritize high-risk functionalities |

**Schedule**

| **Activity** | **Duration** |
| --- | --- |
| Requirement Analysis | 2 days |
| Test Case Design | 3 days |
| Test Execution | 4 days |
| Reporting & Closure | 1 day |

**Approval**

| **Name** | **Role** | **Signature** |
| --- | --- | --- |
| Salma Abdelaleem | Tester | Salma |