WalletWise

Master Test Plan

Version 1.0

Revision History

Date	Version	Description	Author
20/Jun/24	1.0	First version of the Master Test Plan	WalletWise Team

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Master Test Plan

1. Introduction

This test plan document outlines the team's objectives and targets for testing the product before launch. It specifies the target testing items, the testing environment, and each team member's responsibilities. All team members must understand this document to effectively test and verify the listed features. It serves to define the testing scope, strategy, and responsibilities, ensuring comprehensive coverage of all requirements and specifications. This document is intended for the testing team, project managers, the development team, and stakeholders.

2. Target Test Items

- Manage transaction:
    - Add manual transaction.
    - Add text extraction for transaction.
    - Edit transaction.
    - View transaction.
- Manage category
    - Add category.
    - View category.
    - Edit category.
- Chat with the financial AI assistant.
- Login.
- Testing Areas
    - Functionality: Verify that all features work correctly.
    - Performance: Assess the system's performance under different conditions.
    - Usability: Evaluate the ease of use and user experience.
    - Security: Ensure the system protects user data and is secure from threats.

3. Environmental Needs

3.1 Hardware Requirements

- For server testing: Any computer with x64/x86 Intel chips included.
- For application testing: Android: any device with Android 9.0 and above.

3.2 Software in the Test Environment

The following base software elements are required in the test environment for this *Test Plan*.

Software Name	Purpose	Version	Type and Other Notes
Windows 11, 64 bit	Server running	Any	Operating System
Android Studio	Application running	2024.1.1.11	Software

3.3 Productivity and Support Tools

The following tools will be employed to support the test process for this *Test Plan*.

Tool Category or Type	Tool Brand Name	Vendor or In-house	Version
Defect Tracking	MS Excel 2016	MS	2016
Communication	Discord	Discord Inc.	233.17

4. Responsibilities, Staffing, and Training Needs

4.1 People and Roles

This table shows the staffing assumptions for the test effort.

Human Resources		
Role	**Minimum Resources Recommended** **(number of full-time roles allocated)**	**Specific Responsibilities or Comments**
Test Manager	1	Provides management oversight. Responsibilities include: • planning and logistics • agree mission • identify motivators • present management reporting • advocate the interests of test • evaluate test case quality • supporting in the testing process • write summary report
Tester	5	Implements and executes the tests. Responsibilities include: • implement tests and test suites • execute test suites • log results • analyze and recover from test failures • document incidents • collaborate with the development team • monitor and ensure quality standards