Test Plan

Trust Wallet

Prepared by: Divya Gupta

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1.0 INTRODUCTION

This test plan outlines the testing strategy for completing wallet creation for the TrustWallet Web Extension. The objective is to ensure the wallet creation process is seamless and error-free.

2.0 OBJECTIVES AND TASKS

2.1 Objectives

- Verify that users can successfully create a new wallet.
- Ensure that password setting and confirmation are secure.
- Validate the backup and confirmation of the secret phrase.
- Confirm the success of the wallet creation process.
- Verify that users can open the wallet and see new user tips on the home screen.

2.2 Tasks
- Create test cases for each objective.
- Execute test cases to validate the objectives.

3.0 SCOPE
This testing plan covers the entire wallet creation process within the TrustWallet Web Extension.

4.0 TESTING STRATEGY

4.1 Alpha Testing (Unit Testing)
- Test individual components of the wallet creation process.

4.2 System and Integration Testing
- Test the entire wallet creation process end-to-end.
- Check for data flow and integration issues.

4.3 Performance and Stress Testing
- Evaluate the wallet creation process under various loads.

4.4 User Acceptance Testing
- Conduct user testing to validate user experience.

4.5 Batch Testing
- Test the wallet creation process with a batch of users.

4.6 Automated Regression Testing
- Implement automated tests to ensure stability.

4.7 Beta Testing
- Engage beta users to test the wallet creation process in real-world conditions.

5.0 HARDWARE REQUIREMENTS
No specific hardware requirements. Compatible with standard web browsers.

6.0 ENVIRONMENT REQUIREMENTS

6.1 Server
- Compatible web server for hosting the TrustWallet Web Extension.

6.2 Workstation
- Web browsers (Chrome, Firefox, etc.) for testing.

7.0 TEST SCHEDULE
- Testing will be conducted over a two-week period.

8.0 CONTROL PROCEDURES
- Use version control for tracking changes in the extension.

9.0 FEATURES TO BE TESTED
- Complete wallet creation process including password setup, secret phrase, and success screen.
- New user tips on the home screen.

10.0 FEATURES NOT TO BE TESTED
- Features not related to wallet creation like transfer of crypto across accounts.

11.0 RESOURCES/ROLES & RESPONSIBILITIES
- Testing team responsible for test case creation and execution.
- Development team for addressing issues.

12.0 SCHEDULES
- Testing to start on [start date] and end on [end date].

13.0 SIGNIFICANTLY IMPACTED DEPARTMENTS
- Dev
- QA
- Business

14.0 DEPENDENCIES
- Availability of the TrustWallet Web Extension and relevant version of Chrome browser.

15.0 RISKS/ASSUMPTIONS
- Assumption: The TrustWallet Web Extension is stable.
- Risk : Deployment issues
- Risk : Change in Business requirements

16.0 TOOLS
- Testing tools for automation and bug tracking.
- Playwright for automation

17.0 APPROVALS
- This test plan requires approval from Business, QA , Dev.