Test Plan – Trust Wallet Creation and Backup Flow

Date: 2025-09-05

Priority: High

1. Objective

The objective of this test plan is to validate the end-to-end wallet creation flow in the Trust Wallet application, including passcode setup, notification handling, wallet readiness, manual backup, seed phrase extraction, and confirmation. Both positive and negative scenarios will be tested to ensure functional correctness and error handling.

2. Scope

- **In scope:**
  - Verifying welcome screen and navigation flow
  - Wallet creation (passcode entry and confirmation)
  - Wallet readiness message
  - Accessing wallet details
  - Manual backup process with user consents
  - Secret phrase extraction (12 words)
  - Confirming seed phrase correctly and incorrectly
- **Out of scope:**
  - Multi-wallet management beyond the first wallet
  - Performance and load testing

3. Test Items

- **Mobile Application:** Trust Wallet (Android build, tested with Appium + WebdriverIO)

- **Testcases**

- **Tested modules:**

  - Welcome screen

  - Create wallet screen

  - Passcode setup

  - Notification screen

  - Wallet ready screen

  - Wallet settings screen

  - Manual backup screen

  - Secret phrase page

  - Seed phrase confirmation page

4. Test Approach

- **Test Type:** Functional, UI, and negative testing

- **Test Technique:**

  - Positive flow verification

  - Negative scenarios (mismatched passcode, skipped consent, missing words, wrong seed phrase)

- **Tools:** Appium, WebdriverIO, Mocha, Chai

- **Environment:** Android emulator or real device

5. Risks

- UI elements may change between builds, requiring locator updates

- Emulator performance issues may delay execution

- Flaky behavior in system notification pop-ups

8. Deliverables

- Automated test scripts for all test cases

- Execution report (pass/fail status)

- Bug reports in case of failures

10. Approval

This test plan must be reviewed and approved by:

- QA Lead

- Product Manager

- Development Team