

Test plan for TrustWallet Web Extension:

Background

TrustWallet web3 wallet main workflow for create a new wallet:

Welcome screen -> Create a new wallet -> Set and confirm Password screen -> Backup your secret phrase screen -> your secret phrase screen -> confirm secret phrase -> success screen -> click 'open wallet' and new user tips in home screen display.

Purpose

The purpose of this test plan is to outline the testing approach, scope, objectives, and methodologies for testing the trustwallet web extension.

Test Approach

From a QA perspective, the project will be tested from frontend and backend. This document will focus on the FE part only.

To efficiently test the FE part, the following will be addressed during the QA work.

1. Label &wording

FE QA will check against the requirement document to spost any deficiency in UI, including typo, word mismatch, lable/phrase misplaced, phrase/wording inconsistency between different browsers.

2. UI interaction

FE QA will check against the requirement document to spot any deficiency in UI interaction. For example,dead link, 404 resources, user action breakdown, input validation for wrong input etc.

3. Usability

From an end-user perspective, FE QA will spot and report any obvious issue while onboarding and using the web3 wallet via browser extension, for example, performance issue, repeated error, misleading steps etc.

4. Security testing

Identify and mitigate potential security vulnerabilities. Assess permissions and data access, ensuring the extension doesn't access more than necessary.

5. Compatibility testing

Verify compatibility with different operating systems (e.g., Windows, macOS, Linux). Confirm compatibility with different browsers and versions (e.g., Chrome, Firefox, Safari)

6. Functionality

FE QA will check the requirements to spot and report any defect that works differently to the functional points during execution. Focus on the interactions such as clicks, inputs, and navigation with various test cases.

Test cases

Test Environment: macOS 10.13, Chrome 115.0.5790.170

Preconditions: The trustwallet web extension is installed and enabled in the browser.

Main features	priority	Test scenarios	Testcases	Expected Results	Actual Results	Test result
the web extension entry	P0	icon is visible in the browser's toolbar after install	icon is visible in the browser's toolbar after install	icon is visible	icon is visible	pass
	P0	web extension icon is clickable	web extension icon is clickable	icon is clickable and with extension popup	icon is clickable and with extension popup	pass

Label and wording	P2	Label and wording	Label and wording are right and same with PRD	Label and wording are right and same with PRD	-	-
Welcome screen	P0	Create a new wallet	Next step icon is clickable	Next step icon is clickable	Next step icon is clickable	pass
	P0	Import or recover a wallet	Next step icon is clickable	Next step icon is clickable	Next step icon is clickable	pass
	P1	ledger	Next step icon is clickable	Next step icon is clickable	Next step icon is clickable	pass
Set and confirm Password screen	P1	New password	Switch of showing password on	Show password	Switch of showing password on	pass
	P1		Switch of showing password off	Not show password	Not show password	pass
	P0		Input 8 or more characters	Input box turn red frame and rule Radio button and rule text turn green	Input box turn red frame and rule Radio button and rule text turn green	pass
	P1		Input less than 8 characters	Input box turn red frame	Input box turn red frame	pass
	P0		At least one upper case character	Input box turn red frame and rule Radio button	Input box turn red frame and rule Radio button	pass

				and rule text turn green	and rule text turn green	
	P1		Only lower case character	Input box turn red frame	Input box turn red frame	pass
	P0		At least one digit	Input box turn red frame and rule Radio button and rule text turn green	Input box turn red frame and rule Radio button and rule text turn green	pass
	P1		No digit	Input box turn red frame	Input box turn red frame	pass
	P0		At least one symbol	Input box turn red frame and rule Radio button and rule text turn green	Input box turn red frame and rule Radio button and rule text turn green	pass
	P1		No symbol	Input box turn red frame	Input box turn red frame	pass
	P0	Confirm password	Passwords match	No text shows	No text shows	pass
	P0		Passwords do not match	Show red text "Passwords do not match" below the input box and Input box turn red frame	Show red text "Passwords do not match" below the input box and Input box turn red frame	pass

	P1	Terms and Use	Checkbox	Checkbox always could be checked or unchecked	Checkbox always could be checked or unchecked	pass
	P1		Terms and Use link	A right and accessible link	A right and accessible link	pass
	P1	Back button	Always clickable and back to the welcome page	Always clickable and back to the welcome page	Always clickable and back to the welcome page	pass
	P0	Next button	Set and confirm Password right and with Terms and Use checked	Button clickable	Button clickable	pass
	P1		Set and confirm Password wrong	Gray Button and unclickable	Gray Button and unclickable	pass
Backup your secret phrase screen	P1	cancel	Always clickable	Back to welcome page	Back to welcome page	pass
	P1	Show secret phrase	Copy button clickable	Copy secret phrase and show copied and can	Copy secret phrase and show copied	pass

	P0		Show secret phrase	Show secret phrase	Show secret phrase	pass
	P0	proceed	Proceed button clickable and move forward	Proceed button clickable and move forward	Proceed button clickable and move forward	pass
Confirm Your Secret Phrase	P1	Back button	Always clickable and back to the backup page	Always clickable and back to the backup page	Always clickable and back to the backup page	pass
	P0	Next button	Gray and unclickable until Select 12 right Secret Phrase in order	Gray and unclickable until Select 12 right Secret Phrase in order	Gray and unclickable until Select 12 right Secret Phrase in order	pass
	P0	Input box	Select 12 right Secret Phrase in order	Set Next button clickable	Set Next button clickable	pass
	P0		Select 12 right Secret Phrase disorderly	Show red tips "Invalid Secret Phrase" and Next button Gray and unclickable	Show red tips "Invalid Secret Phrase" and Next button Gray and unclickable	pass

	P0		Select less than 12 secret phrase	Next button Gray and unclickable	Next button Gray and unclickable	pass
Improve questionnaire screen	P1	Privacy Policy	clickable	A right and accessible link	A right and accessible link	pass
	P1	Share data button	clickable	-	-	-
	P0	No thanks button	clickable	Jump to success screen	Jump to success screen	pass
success screen	P1	default wallet config	Switch on	To enable seamless dApp connections, Trust Wallet is set to default.	-	-
	P1		Switch off	-	-	-
	P0	open wallet button	Clickable for new user	Popup tips window for new user	Popup tips window for new user	pass
	P1		Clickable for old user	Not show tips for old user and locate to homepage	-	-



You have successfully imported your wallet!

Remember to keep your Secret Phrase safe!



Trust set as default wallet

To enable seamless dApp connections, Trust Wallet is set to default.



Open wallet

Click at the top right of your browser and pin Trust Wallet for easy access



Trust Wallet



