Test plan for TrustWallet Android APP:

Background

TrustWallet web3 wallet main workflow for create a new wallet:
Welcome screen -> Guest user home screen -> I don't have a wallet -> Set Passcode screen -> Confirm Passcode screen -> Deny biometric login pop up -> Secret phrase backup(choose backup manually) -> Consent screen -> Recovery phrase -> Confirm recovery screen -> Stories screen -> Wallet home screen.

Purpose

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

Test Approach

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

Functional Testing:
- Verifies that the app's functions and features work according to requirements.
- Covers user interactions, inputs, and expected outputs.
- Includes positive and negative test cases.

UI Testing:
- Focuses on the visual and interactive aspects of the app's interface.
- Ensures that the UI is responsive, consistent, and user-friendly.
- Includes testing different screen sizes, resolutions, and devices.

Usability Testing:
- Evaluates the app's overall user experience and ease of use.
- Involves real users performing tasks to identify usability issues.
- Aims to improve user satisfaction and interaction efficiency.

Performance Testing:

- Tests the app's performance under different conditions (load, stress, scalability).
- Checks response times, resource utilization, and system stability.
- Identifies bottlenecks and performance-related issues.

Security Testing:
- Identifies vulnerabilities and weaknesses in the app's security.
- Includes penetration testing, vulnerability assessments, and data protection checks.
- Ensures that user data and sensitive information are safeguarded.

Compatibility Testing:
- Ensures the app works correctly on different devices, operating systems, browsers, and versions.
- Prevents issues related to platform-specific behaviors.

User Acceptance Testing (UAT):
- Involves end-users validating the app against their requirements.
- Helps ensure the app meets user expectations before release.

Test cases

Test device:

Main features	priority	Test scenarios	Testcases	Expected Results	Actual Results	Test result
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	-	-
Guest user home screen	P1	User guide	Turn pages	Turn left and right work	Turn left and right work	pass
	P1		Get started Button	clickable	clickable	pass

I don't have a wallet	P0	I don't have a wallet	No wallet box	clickable	clickable	pass
Set Passcode screen	P0	Back icon	Back icon	Clickable and back to last page	Clickable and back to last page	pass
	P0	Set password	Popup number Input box	Popup number Input box	Popup number Input box	pass
	P0	Set 6 digit password	6 digit password	After input 6 digit password move forward to confirm page	After input 6 digit password move forward to confirm page	pass
Confirm Passcode screen	P0	Back icon	Back icon	Clickable and back to last page	Clickable and back to last page	pass
	P0	Confirm password	Same as password	move forward	move forward	pass
	P1	Confirm password	Password not match	Animation tips show and back to set password	Animation tips show and back to set password	pass
Deny biometric login pop up	P1	Don't allow biometric login	Click "don't allow" button	Close popup	Close popup	pass
Secret phrase backup(ch oose	P0	Choose back up manually	back up manually button	Clickable and Pop up consent screen	Clickable and Pop up consent screen	pass

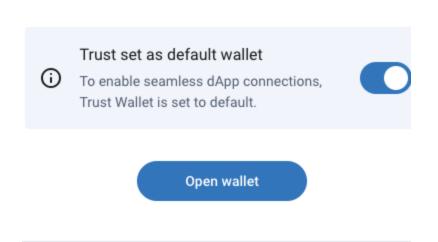| backup manually)						
Consent screen	P0	3 Terms selection	Only click one term	Continue button disabled	Continue button disabled	pass
	P0		Click one term	Checkbox turn green with check mark	Checkbox turn green with check mark	pass
	P0		Click 3 terms	Continue button enabled and move forward	Continue button enabled and move forward	pass
	P0	Not finish confirm consent terms	Not finish confirm consent terms	show Consent screen everytime when use app until confirmed	show Consent screen everytime when use app until confirmed	pass
Recovery phrase	P0	Show 12 secret phrase	Show 12 secret phrase	Show 12 secret phrase	Show 12 secret phrase	pass
	P1	Copy	Copy	Copy success and can be pasted	Copy success and can be pasted	pass
	P2	tips	tips	Show 2 tips	Show 2 tips	pass
	P0	Continue button and back button	Continue button and back button	Clickable and workable	Clickable and workable	pass
Confirm recovery screen	P0	Continue button	Gray and unclickable until	Gray and unclickable until	Gray and unclickable until	pass

			Select 12 right Secret Phrase in order	Select 12 right Secret Phrase in order	Select 12 right Secret Phrase in order	
	P0	Back button	Back button	Clickable and back to show Secret Phrase	Clickable and back to show Secret Phrase	pass
	P0	Choose secret phrase	Choose secret phrase interaction	Show correctly	Show correctly	pass
Stories screen	P1	Animation show	Animation show	Animation show	Animation show	pass
	P0	Close stories	Close stories	Close and locate to home page	Close and locate to home page	pass
	P0	Different function choose button	choose button	Clickable and locate to corresponding page	Clickable and locate to corresponding page	pass
Wallet home screen	P1	Wallet ready popup for new user	Wallet ready popup for new user	Popup once only for new user and closeable	Popup once only for new user and closeable	pass
	P1	Notifications popup for new user	Notifications popup for new user	Popup once only for new user and closeable	Popup once only for new user and closeable	pass
	P1	Enable notifications	Enable notifications	Button clickable and	Button clickable and	pass

				effective	effective	
	P0	Home page	Home page show	Show correctly according to PRD	Show correctly according to PRD	-

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** 📌 ⋮