

TEST PLAN

WALLET CREATION

(Create wallet > Cardano > Create wallet)

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1 Introduction

The Test Plan has been created to communicate the test approach to team members. It includes the objectives, scope, risks and approach. This document will clearly identify what the test deliverables will be and what is deemed in and out of scope.

1.1 Objectives

Yoroi is a light wallet for Cardano. It's simple, fast and secure. Yoroi is an Emurgo product, engineered by IOHK. And it follows best practices for software in the industry including a comprehensive security audit. Daedalus and Yoroi are complements to what they try to achieve. Yoroi looks to be a day-to-day wallet for a Cardano user. It could be used as an extension to browser to make faster and secure payment.

2 Scope

This testing phase include testing around creating new wallet from extension of browser and user is able see and the created wallet o the browser, At the end of this phase, an end user must be able to:

1. Download and install the extension for Yoroi wallet
2. User should be able to create a new wallet
3. Newly added wallet should be visible to user
4. Web browser to be tested Chrome, Firefox and Safari

Functional scope of this testing phase will be "Create wallet > Cardano > Create wallet" section.

3 Assumptions / Risks

3.1 Assumptions

This section lists assumptions that are made specific to this project.

1. There are pre-defined TC for each module.
2. Latest version of browser needs to be tested only
3. Testing will be done on Windows and iOS machines
4. QA will be provided a Copy of extension for internal testing
5. TC for test scenarios mentioned are already written

3.2 Risks

The following risks have been identified and the appropriate action identified to mitigate their impact on the project. The impact (or severity) of the risk is based on how the project would be affected if the risk was triggered. The trigger is what milestone or event would cause the risk to become an issue to be dealt with.

#	Risk	Impact	Trigger	Mitigation Plan
1	Extension not compatible with latest browser	High	Loss of time	Unit testing on dev with compatible browser version list.
2	Website might have blocked access to 3rd party applications	Medium	Loss of accessibility	Extension not working with different browser
3	Extension installation might be getting blocked by antivirus on QA machine due to local build	Medium	Loss of time	Qa not able to install Extension need to perform antivirus scan and then pass to QA

4 Test Approach

The project is using an agile approach, with weekly iterations. At the end of each week the requirements identified for that iteration will be delivered to the team and will be tested.

Exploratory testing will play a large part of the testing as the team has never used this type of tool and will be learning as they go. Tests for planned functionality will be created and added to TC management tool as we get iterations of the product.

4.1 Test Automation

Automated unit tests are part of the development process, but no automated functional tests are planned at this time

5 Milestones / Deliverables

5.1 Test Scenarios

Test scenarios	Effort	Comments
User is able to download and install the Extension		
User is passed from initial steps of language selection, term of service and interface complexity.		
User can create a wallet with 3 ways and ways are visible to user		
User can click on select wallet and choose cardano		
User is navigated to enter wallet name and password		
User should enter matching password with predefined criteria only then they are navigated to next step		
On recovery phase screen only when user selects checkbox and hit continue user is allowed to move forward		
List of random keywords are displayed to user and user should make a note of it		
On hit of yes, I have written down button user have to verify the sequence of keyword in next step		
After sequence is verified, user is shown the home screen and new wallet is added		
Walled should not be created with same name		

Once creation process is hindered in between user have to start again from step1		
After creation of wallet, new wallet is visible under my wallet tab		
If user faces any internet issue after getting stable connection they can proceed from where they left		
Data entered while creation must not be lost until tab, browser, system shuts		

5.2 Deliverables

Deliverable	For	Date / Milestone
Test Plan	Project Manager; QA Director; Test Team	
Traceability Matrix	Project Manager; QA Director	
Test Results	Project Manager	
Test Status report	QA Manager, QA Director	
Metrics	All team members	