



School: Campus:
Academic Year: Subject Name: Subject Code:
Semester: Program: Branch: Specialization:
Date:

Applied and Action Learning

(Learning by Doing and Discovery)

Name of the Experiment : Wallet Walkthrough – Hands-on Wallet Setup

* Coding Phase: Pseudo Code / Flow Chart / Algorithm

Step-by-Step Procedure:

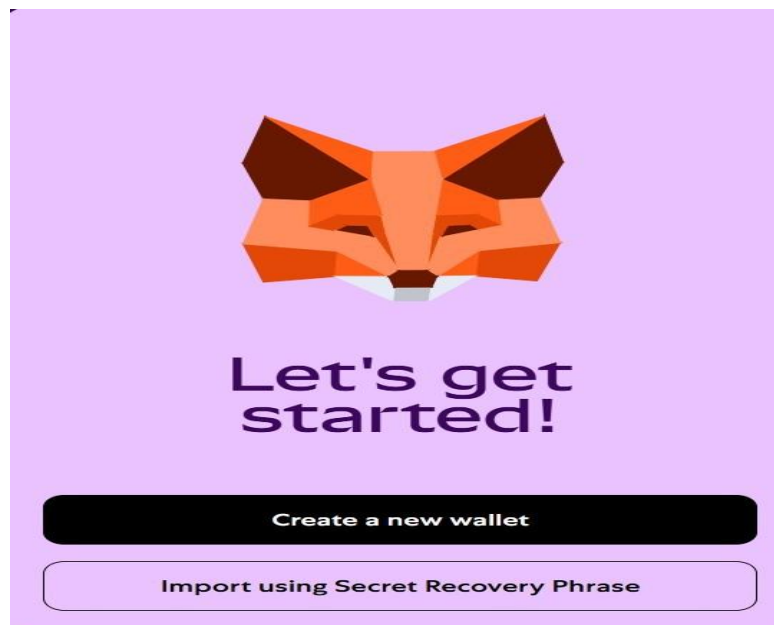
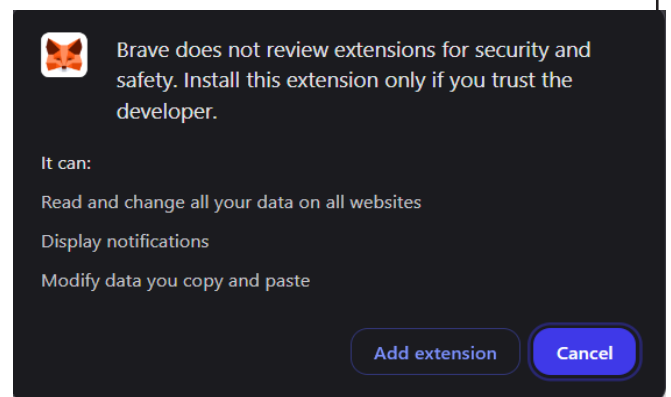
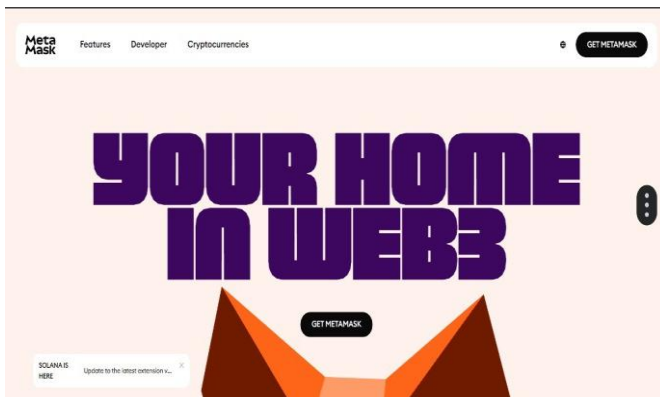
- **Download the Wallet:**
Visit the official website or app store and download a trusted crypto wallet such as MetaMask or Trust Wallet.
- **Create a New Wallet:**
Open the wallet and select *Create New Wallet*. Set a strong password to secure your account.
- **Backup Recovery Phrase:**
Write down the 12 or 24-word recovery (seed) phrase shown on the screen and store it safely offline. Never share it with anyone.
- **Add Crypto Assets:**
Copy your public wallet address and receive a small amount of cryptocurrency to test the wallet setup.
- **Verify and Use:**
Check the received amount in your wallet, verify transaction details, and start using the wallet for sending or receiving crypto securely.

*Software Used:

1. Chrome web Browser
2. Brave Web Browser

* Implementation Phase: Final Output (no error)

First we have to open our brave browser or chrome browser and search for metamask extension. Then click on get metamask then add to brave and add extension and agree all the terms of use.



Set a very strong password which can't be guessed easily by someone else. If the user forgot password they can retrieve their password using a secret recovery phrase.

The first screenshot shows the 'Confirm your password' screen. At the top, the time is 11:08. A progress bar indicates three steps: 1. Create Password, 2. Secure wallet, and 3. Confirm Secret Recovery Phrase. The title 'METAMASK' is centered. Below the progress bar, the text 'Confirm your password' is displayed. A subtext reads: 'Before continuing we need you to confirm your password'. There is a text input field and a blue 'CONFIRM' button at the bottom.

The second screenshot shows the 'Write down your Secret Recovery Phrase' screen. The time is 11:08. The progress bar is the same. The title 'METAMASK' is centered. Below the progress bar, the text 'Write down your Secret Recovery Phrase' is displayed. A subtext reads: 'This is your Secret Recovery Phrase. Write it down on a paper and keep it in a safe place. You'll be asked to re-enter this phrase (in order) on the next step.' Below this is a dark grey box with a white eye icon and the text 'Tap to reveal your Secret Recovery Phrase' and 'Make sure no one is watching your screen.' There is a 'View' button inside the box. At the bottom, there is a blue 'Continue' button.

A set of 12 secret words will be shown. Copy those words and keep them saved somewhere which can be used later by the user to retrieve their password forgot.

The screenshot shows the 'Confirm Secret Recovery Phrase' screen. At the top, the time is 11:09. A progress bar indicates three steps: 1. Create Password, 2. Secure wallet, and 3. Confirm Secret Recovery Phrase. The title 'METAMASK' is centered. Below the progress bar, the text 'Confirm Secret Recovery Phrase' is displayed. A subtext reads: 'Select each word in the order it was presented to you.' Below this is a grid of 12 numbered input fields (1-12). Below the grid is a list of 12 words arranged in three columns: veteran, essay, term, hire, trial, curtain, number, major, couch, slim, alcohol, piano. At the bottom, there is a blue 'Complete Backup' button.

***Observation:**

- The wallet was successfully installed and initialized without errors.
- A unique wallet address and recovery phrase were generated for secure access.
- The test transaction was received correctly, confirming proper wallet functionality.
- The interface displayed real-time balance and transaction history accurately.
- Security measures such as password protection and seed phrase backup ensured data safety.

ASSESSMENT

Rubrics	Full Mark	Marks Obtained	Remarks
Concept	10		
Planning and Execution/ Practical Simulation/ Programming	10		
Result and Interpretation	10		
Record of Applied and Action Learning	10		
Viva	10		
Total	50		

Signature of the Student:

Name :

Regn. No. :

Signature of the Faculty:

Page No.....

**As applicable according to the experiment.
Two sheets per experiment (10-20) to be used.*