



Centurion
UNIVERSITY
*Shaping Lives...
Empowering Communities...*

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:

1. Install MetaMask Extension

Open Brave.

Search for metamask

Click Download → Choose Brave Extension.

Click “Add to Brave” → Confirm with “Add Extension.”

2. Create a New Wallet

Click on the MetaMask icon (in the browser toolbar).

Click “Get Started” → Select “Create a Wallet.”

Agree/decline MetaMask’s data collection.

3. Set Password

Set a strong password.

Confirm password → Check the box → Click “Create.”

If forgot can be restored using secret recovery phrase.

4. Backup Secret Recovery Phrase

You’ll be shown a 12-word secret recovery phrase.

Important: Write this down on paper and store it securely (Don’t share the
secret phrase with anyone).

Click Next, then select the words in the correct order to verify.

Click Confirm → Setup complete.

5. Access Your Wallet

You now see your Ethereum wallet dashboard:

Wallet address (starts with 0x...)

Account Balance (ETH)

Send / Receive / Buy / Swap options

6. Connect to a Test Network (Optional for Developers)

Click on “Ethereum Mainnet” at the top.

Enable “Show Test Networks” from Settings > Advanced.

Choose Goerli, Sepolia, or any testnet.

Use Faucets to get test ETH for practice.

7. Try Wallet Operations

Receive ETH: Click "Account 1" to copy your address.

Send ETH: Use test ETH to send to another wallet.

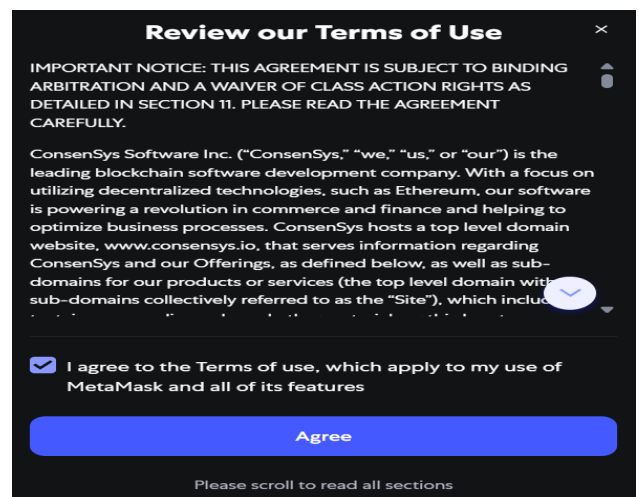
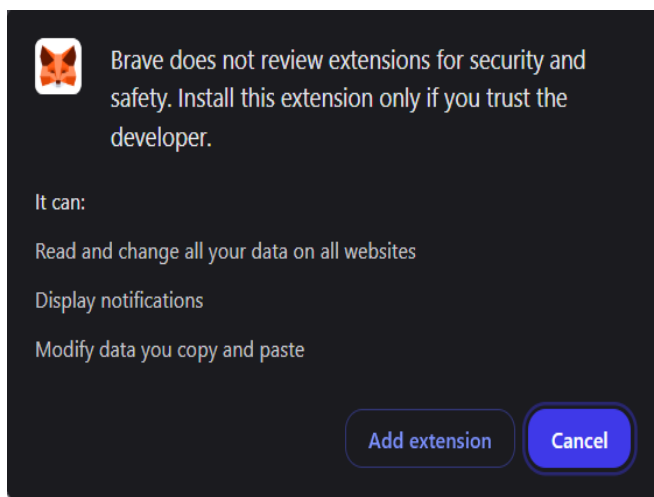
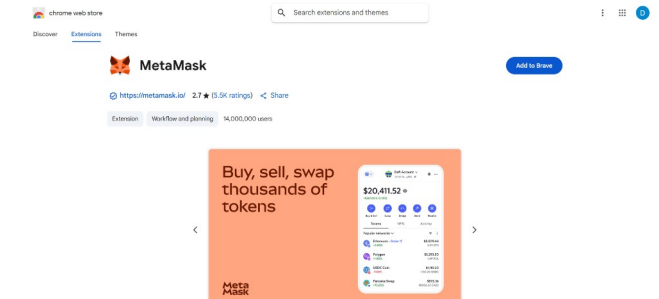
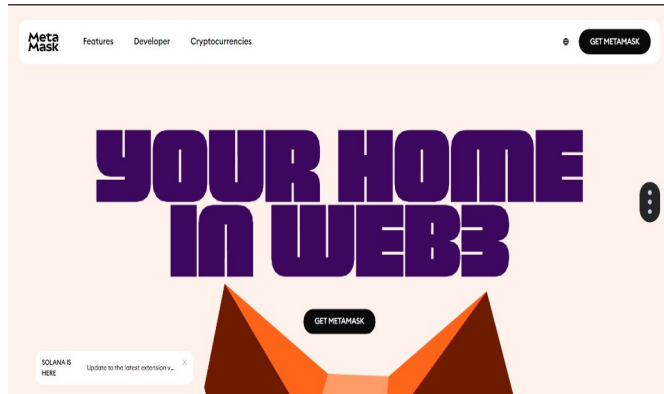
Connect to DApp: Try connecting to apps like Uniswap, OpenSea, or a custom DApp.

*Software Used:

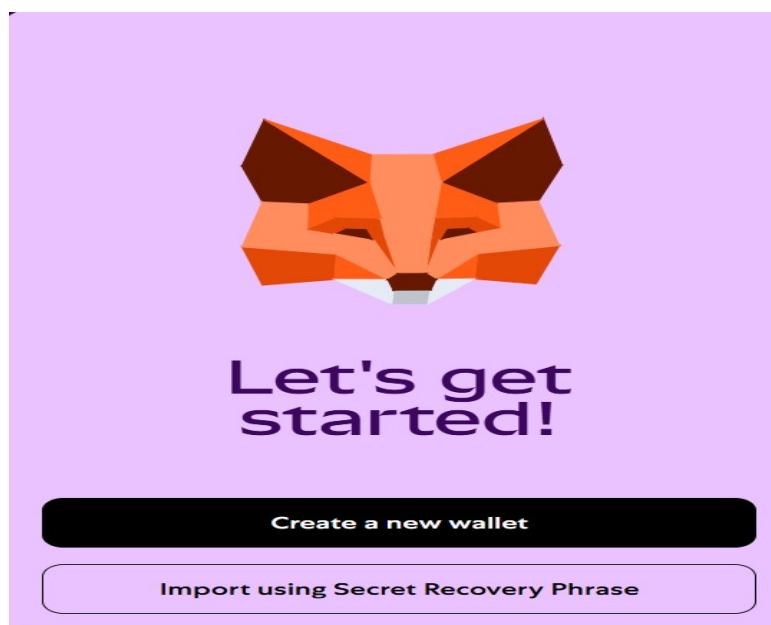
1. Remix IDE
2. Brave browser

* Implementation Phase: Final Output (no error)

First we have to open our brave 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.



Create a wallet



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.

11:08

< Back METAMASK

1 Create Password 2 Secure wallet 3 Confirm Secret Recovery Phrase

Confirm your password

Before continuing we need you to confirm your password

CONFIRM

11:08

< Back METAMASK

1 Create Password 2 Secure wallet 3 Confirm Secret Recovery Phrase

Write down your Secret Recovery Phrase

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.

Tap to reveal your Secret Recovery Phrase

Make sure no one is watching your screen.

View

Continue

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.

11:09

< Back METAMASK

1 Create Password 2 Secure wallet 3 Confirm Secret Recovery Phrase

Confirm Secret Recovery Phrase

Select each word in the order it was presented to you.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.

veteran essay term

hire trial curtain

number major couch

slim alcohol piano

Complete Backup

11:10

METAMASK

1 Create Password 2 Secure wallet 3 Confirm Secret Recovery Phrase

Congratulations

You've successfully protected your wallet. Remember to keep your Secret Recovery Phrase safe, it's your responsibility!

Leave yourself a hint?

MetaMask cannot recover your wallet should you lose it. You can find your Secret Recovery Phrase in Settings > Security & Privacy.

Learn more

Done

*

Start creating a wallet



METAMASK

New to MetaMask?



No, I already have a seed phrase

Import your existing wallet using a 12 word seed phrase

Import Wallet



Yes, let's get set up!

This will create a new wallet and seed phrase

Create a Wallet

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.