User Manual

Objective: Provide a detailed guide for end-users

1. Steps to interact with the DApp (e.g., connecting a wallet, transferring tokens, checking balances)

1. Installing MetaMask

MetaMask is a browser extension wallet that enables users to interact with Ethereum-based decentralized applications.

Steps to Install MetaMask:

1. Open Your Browser:

   MetaMask is available for browsers like Chrome, Firefox, Brave, and Edge.

2. Go to the MetaMask Website:

   Visit the official MetaMask site: (https://metamask.io/).

3. Install the Extension:

   - Click on the **Download** button.

   - Choose the appropriate browser and follow the installation instructions.

4. Add to Browser:

   - Click "Add to [Browser Name]".

   - Confirm installation.

Setting Up MetaMask

Create a New Wallet

1. Open MetaMask Extension:

   Click on the MetaMask icon in your browser toolbar.

2. Click on "Get Started":

   Choose Create a Wallet.

3. Set Up a Password:

   - Enter a secure password for your wallet.

   - Agree to the terms and conditions.

4. Backup Your Secret Recovery Phrase:

   - Write down the 12-word recovery phrase provided.

   - Store it securely offline.

   - Confirm the phrase by entering it in the correct order.

5. Complete Setup:

   Your wallet is now ready to use!

Connecting MetaMask to the Crowdfunding App

Switch to the Correct Network

1. Access Network Settings:

   - Open MetaMask and click on the network dropdown (default: Ethereum Mainnet).

2. Add a New Network:

   - Click "Add Network".

   - Enter the following details for the local Ganache network:

     - Network Name: Ganache

     - RPC URL: http://127.0.0.1:7545

     - Chain ID: 1337 (or as configured in Ganache)

- Currency Symbol: ETH

3. Save the Network:

   - Click Save to add the network.

Connect to the App

1. Open the Crowdfunding App:

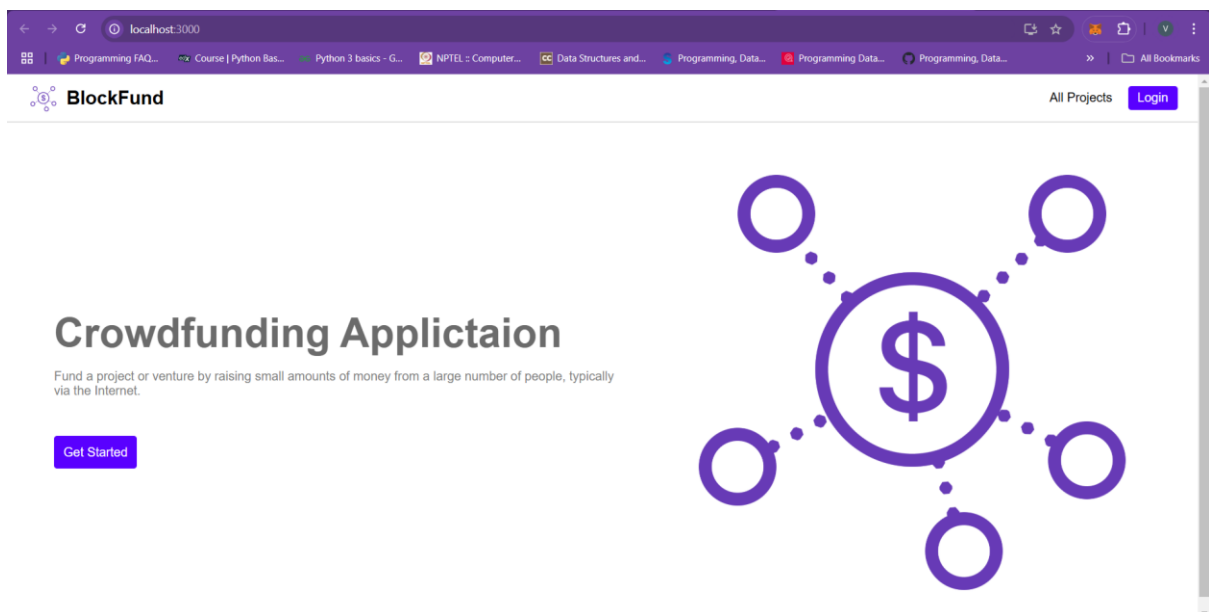   Navigate to the app in your browser.

2. Connect MetaMask:

   - Click the Connect Wallet button on the app.

   - Authorize the connection in MetaMask.

3. Start Interacting:
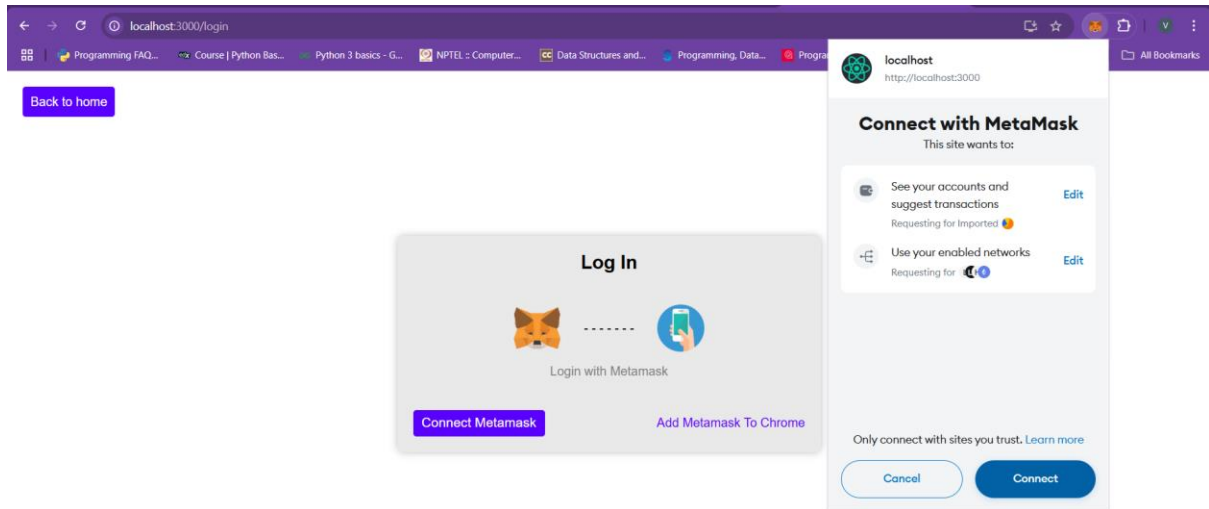
   Use your wallet to fund projects or create campaigns.

2. DApp Interface:

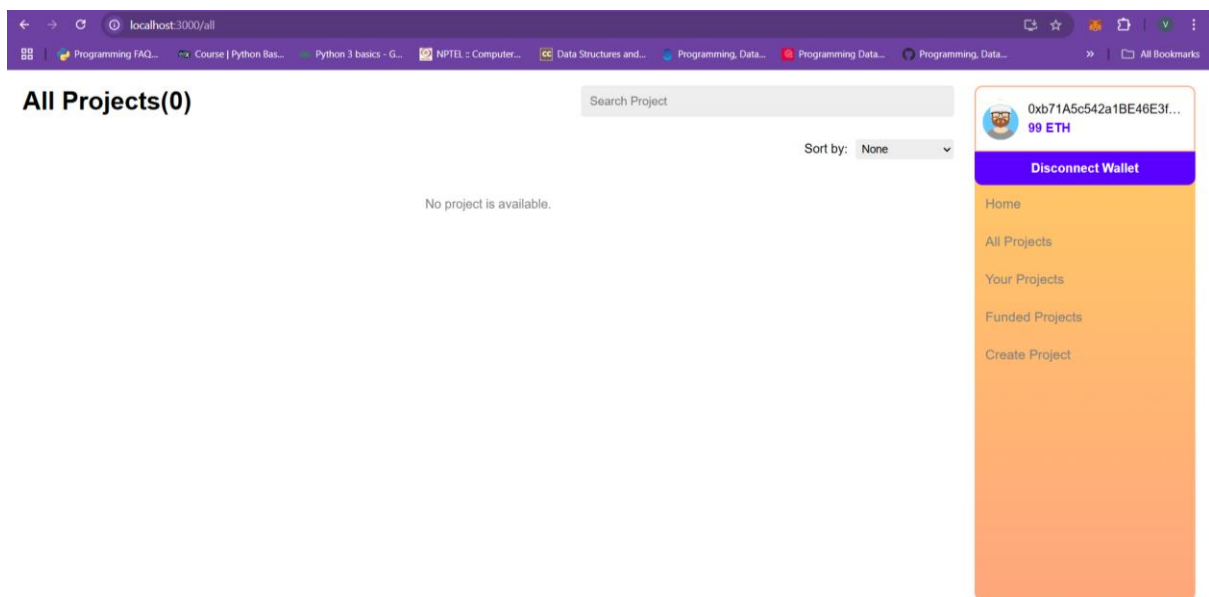Click on get started and metamask connection going to pop up

3. Connecting with wallet:

Import accounts from ganache and connect the local host to the metamask.
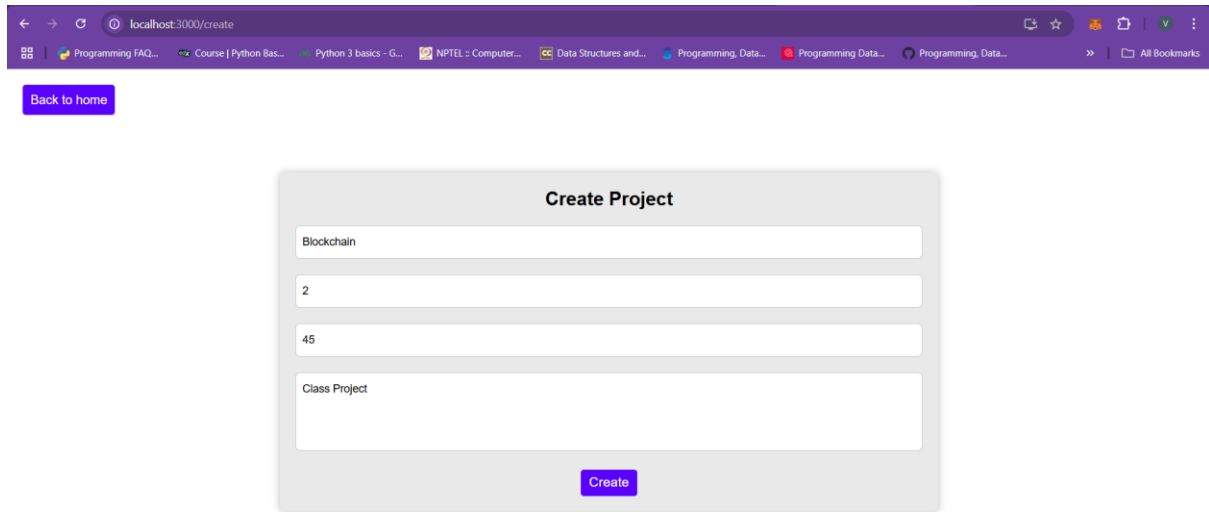
After connection with metamask, the interface looks like the below picture.
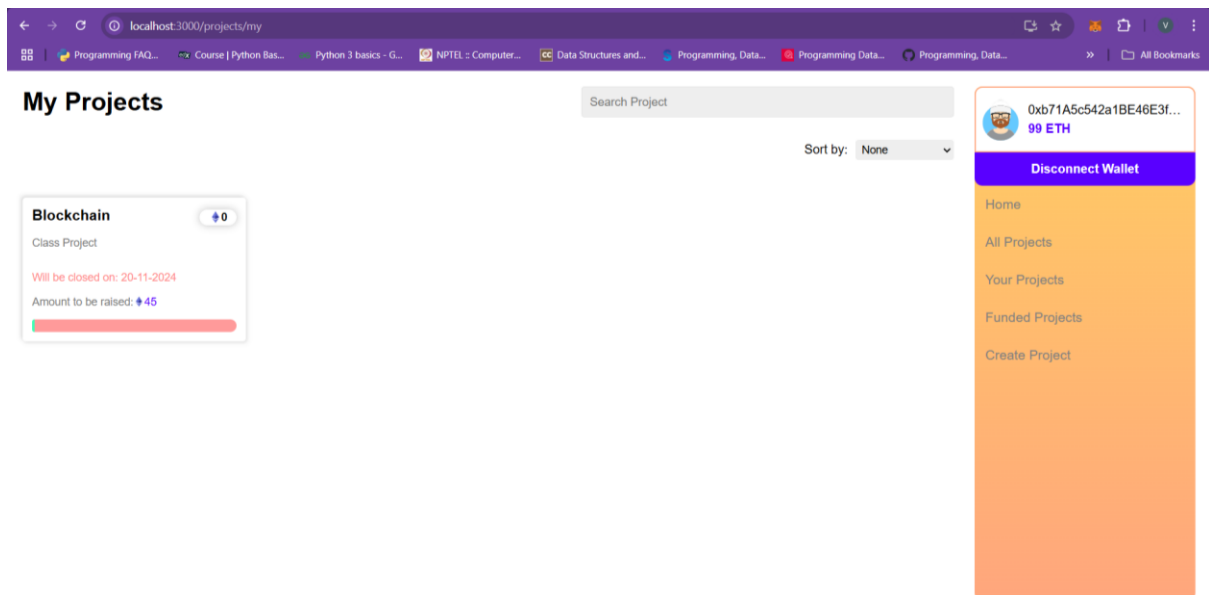
4. Creating a Project:

Click on Create Project from on the right side and it is going to show the below window.
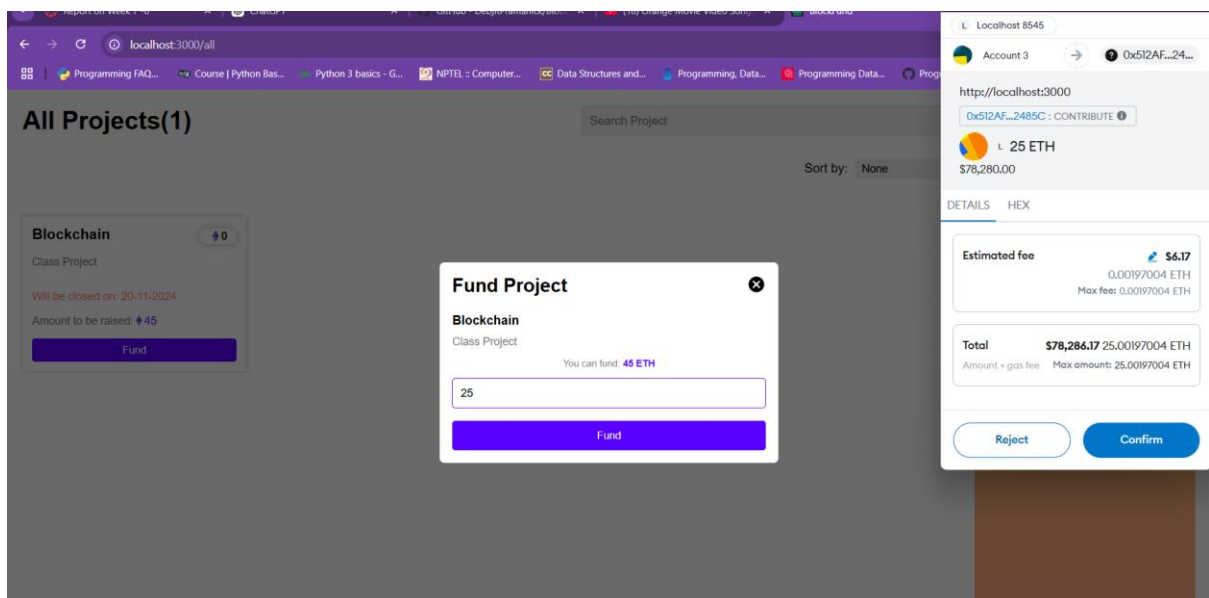

Project got created.

Interface from user 2

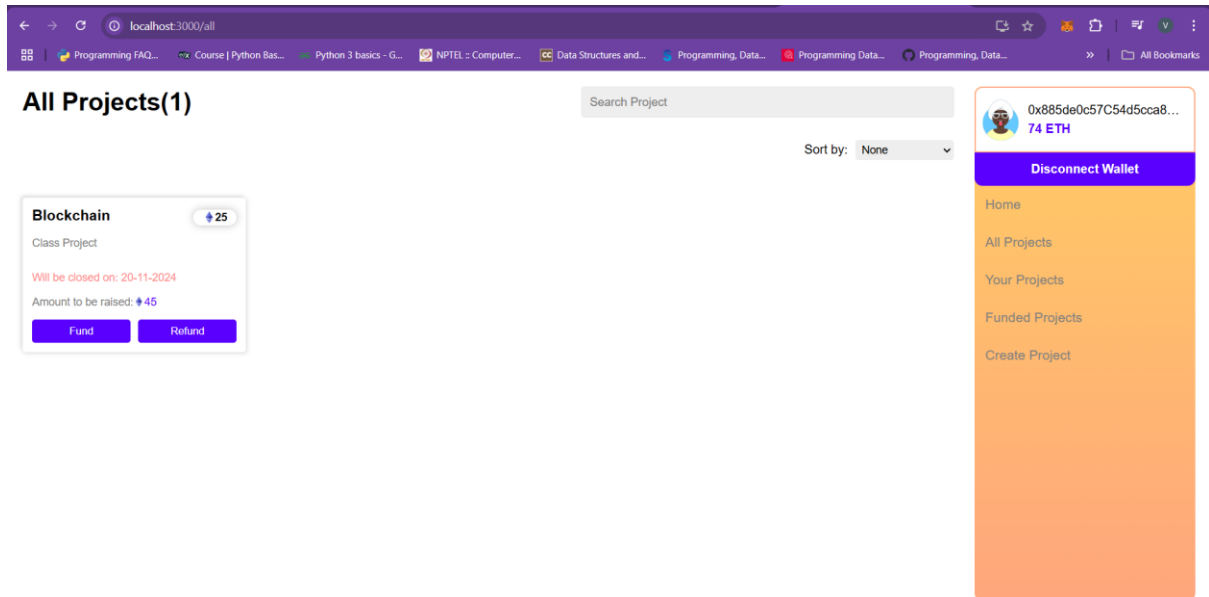Here from user 2 account, we can fund the project, by clicking on fund option.

5. Funding the Project:

Click on fund and metamask window is going to pop up, hit confirm and there you can see the transfer of ethers
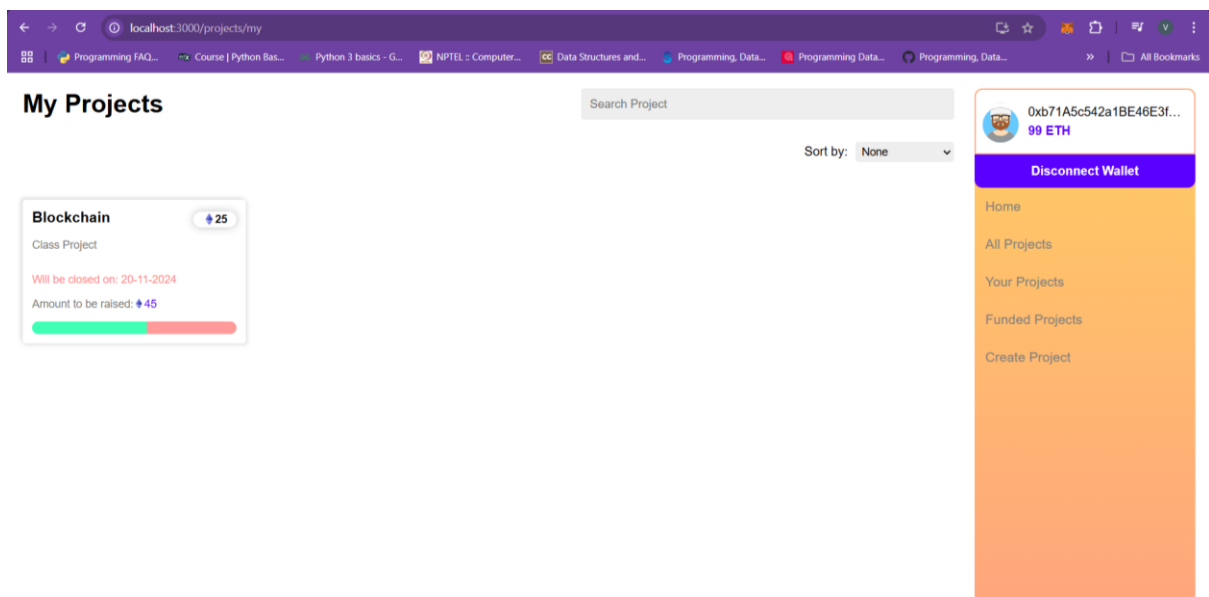
6. Transferring the Tokens:

The ethers got transferred and after transferring 25 ethers it changes from 100 to 74
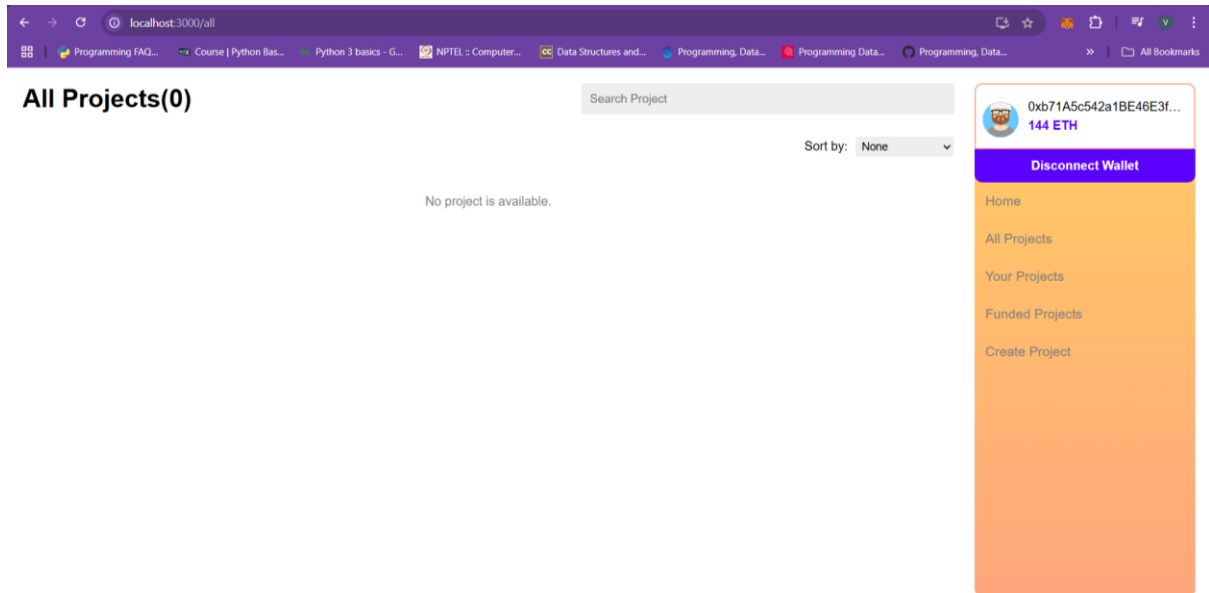

User 2 account after transferring.

7. Token Transfer:

After the project goal met, all the tokens will be transferred to the needed user account.

=>100ETH to 144ETH.

8. Transaction History: