

Simple Assessment

It takes no more than 30 minutes



✂ You can find another test on the left tab of this document

Web3 developer assessment:

You can access the demo project here:

<https://bitbucket.org/dredsoftlabs/prohouse/src/main/>

Task: Run the demo project and implement wallet (Metamask) integration:

Objective:

You have to implement MetaMask wallet integration into a provided project, allowing users to connect their Ethereum wallet to the application and perform basic operations.

Prerequisites:

- A basic understanding of Ethereum and Web3.js.
- Familiarity with JavaScript ES6+ and React (if applicable).
- Access to a local or test network (e.g., Rinkeby or Ropsten).

Task Overview:

1. Wallet Connection:

- Implement functionality to connect to the MetaMask wallet.

- Ensure that the user is prompted to install MetaMask if it's not detected.

2. Display Wallet Address:

- Once the wallet is connected, display the wallet address in the application UI.

3. Account Management:

- Handle account changes (i.e., if the user switches accounts in MetaMask).
- Handle network changes (i.e., if the user switches networks in MetaMask).

Deliverables:

- Record a video of how it works.
- Send the video after completion.