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Implementation details, technologies used and how to interact with UI.

Description -

I've built a To-do List Web Application.

Technology used - Blockchain

Technology stack-

Frontend - React js, Node.js

Backend - Node.js

Here, I've build a to-do list application that will save the data in the blockchain. The blockchain part of this application can also be understood as a database. First, I've create a smart contract and the web application itself. Let's look at the components.

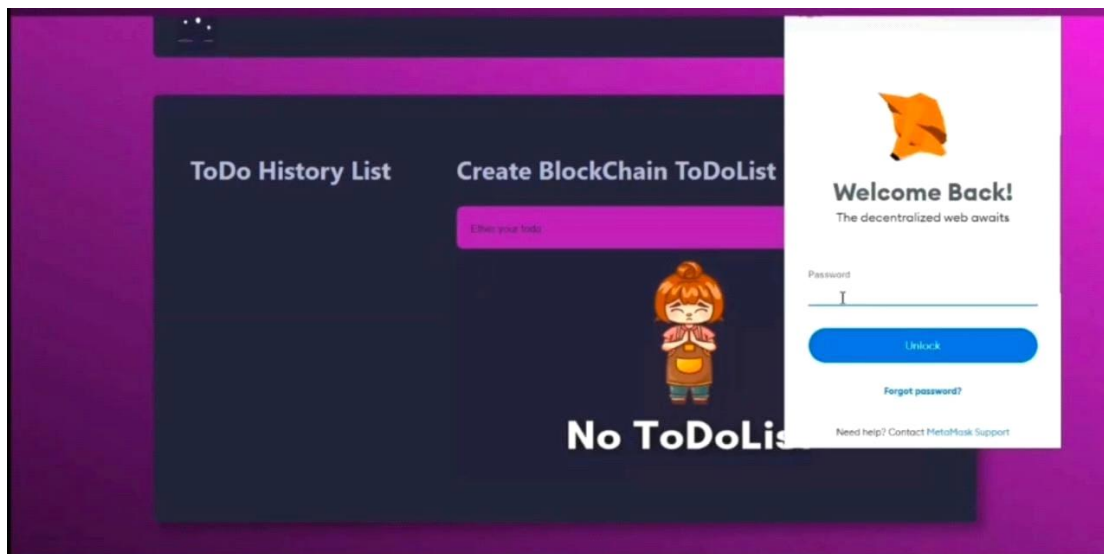
Components in Bloc Application: -

- 1) HardHat - A local Ethereum blockchain.
- 2) Web3 JS- For the application to be able to communicate to the blockchain.

3) React Js & Next Js- For the application's front-end.

4) Solidity- For smart compilation contract.

Dashboard



How to run this application :-

- `npx hardhat help`
- `npx hardhat test`
- `GAS_REPORT=true npx hardhat test`
- `npx hardhat node`
- `npx hardhat run scripts/deploy.js`

Thank You 😊