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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.

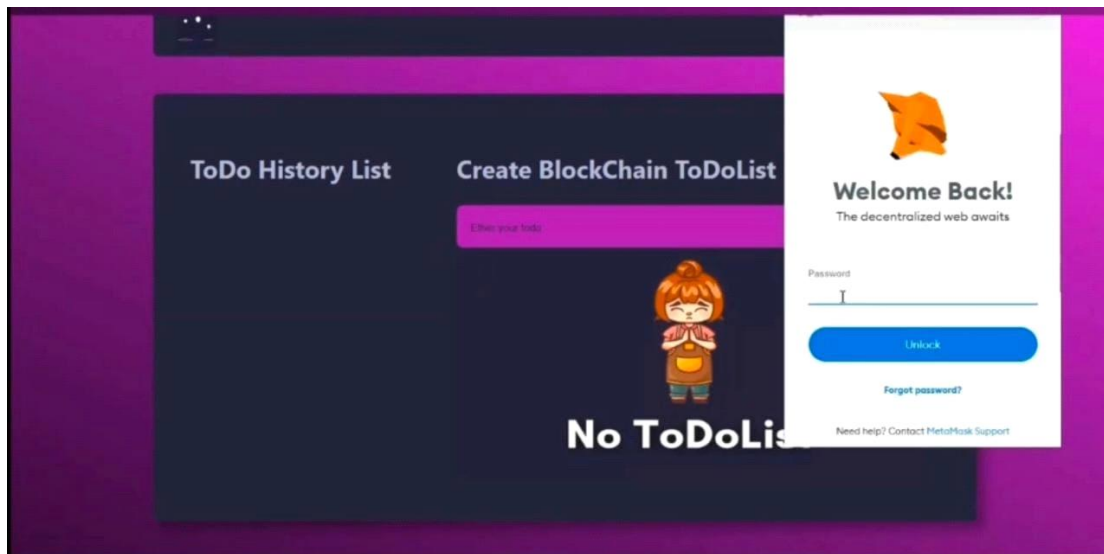Components in Bloc Application

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 ☺