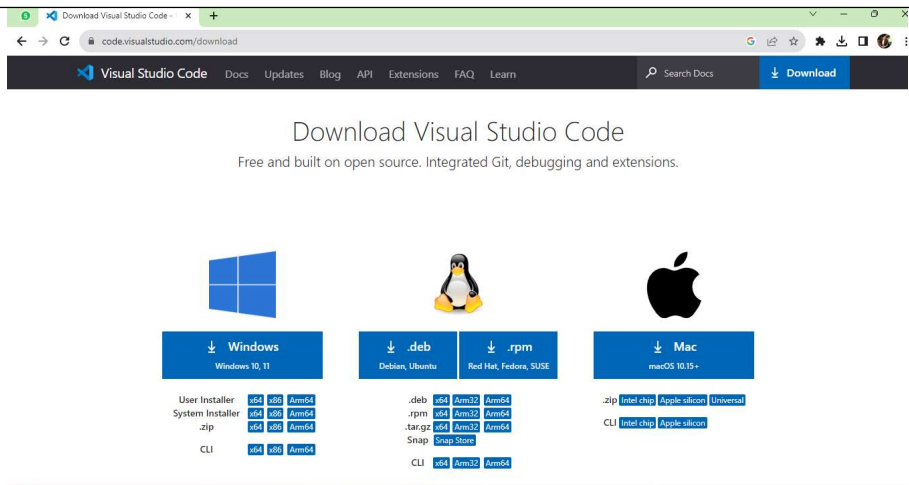


## project Development Phase Model Performance Test

Date	25 OCTOBER 2023
Team ID	NM2023TMID0551
Project Name Project -	Digital asset management on the ethereum block chain
Maximum Marks	10 Marks

### Model Performance Testing:

Project team shall fill the following information when working for blockchain.

Sno	Parameter	Values	Screenshots
1	Information gathering	Setup all the Prerequisite:	

nodejs.org/en/download

node

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## Downloads


Latest LTS Version: 18.18.2 (includes npm 9.8.1)


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**LTS**  
Recommended For Most Users

**Current**  
Latest Features

  
Windows Installer  
node-v18.18.2-x64.msi

  
macOS Installer  
node-v18.18.2.pkg

  
Source Code  
node-v18.18.2.tar.gz

Windows Installer (.msi)  
Windows Binary (.zip)  
macOS Installer (.pkg)  
macOS Binary (.tar.gz)  
Linux Binaries (x64)  
Linux Binaries (ARM)

32-bit	64-bit
32-bit	64-bit
64-bit / ARM64	
64-bit	ARM64
64-bit	
ARMv7	ARMv8

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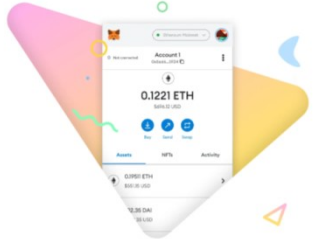
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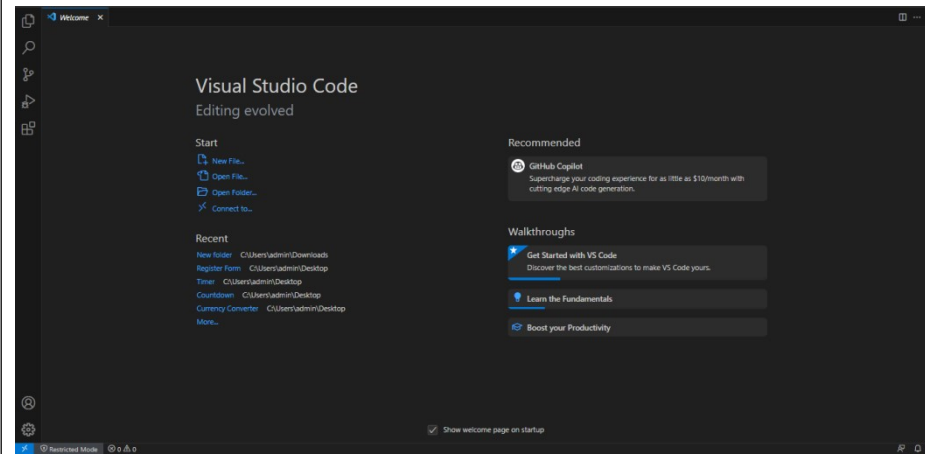
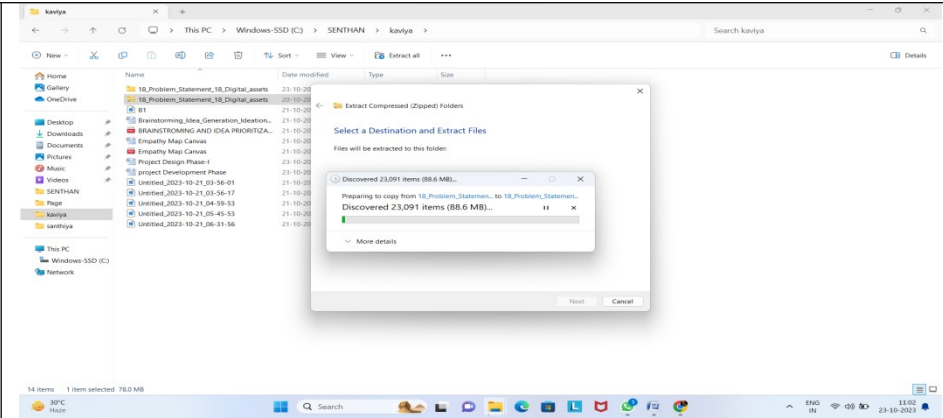
Download for

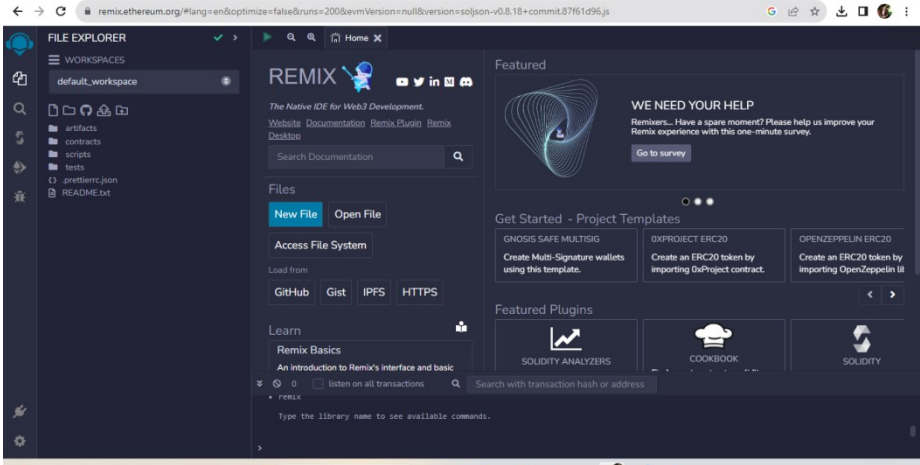
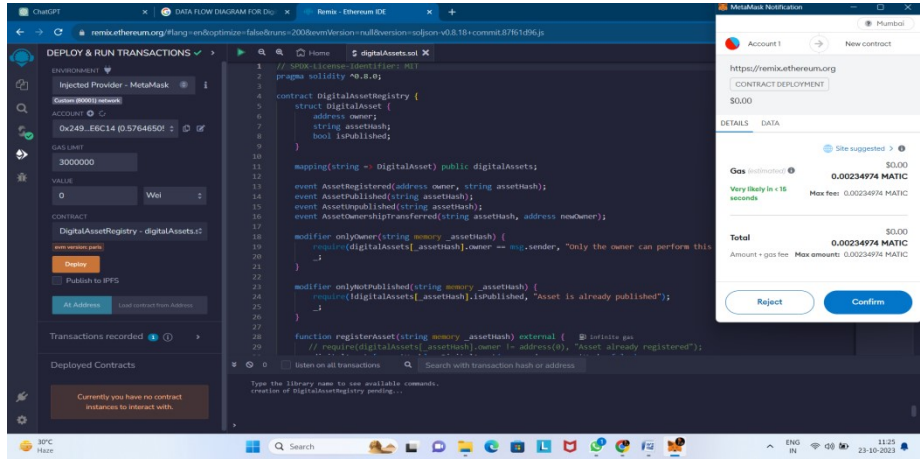


2

Extract the zip files

Open to vs code
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3	Remix Ide platform exploring	<p>Deploy the smart contract code</p> <p>Deploy and run the transaction. By selecting the environment – inject the Meta Mask.</p>	 <p>The top screenshot shows the Remix IDE interface. The left sidebar contains the 'FILE EXPLORER' with a 'WORKSPACES' section showing 'default_workspace'. The main area displays the 'REMIX' logo and various options like 'New File', 'Open File', and 'Access File System'. The right sidebar shows 'Featured' content, including a survey and project templates like 'GNOSIS SAFE MULTISIG', 'OXPROJECT ERC20', and 'OPENZEPPELIN ERC20'.</p>  <p>The bottom screenshot shows the Remix IDE interface with the 'DEPLOY &amp; RUN TRANSACTIONS' panel open. The 'ENVIRONMENT' panel shows 'Injected Provider - MetaMask' with account '0x249...E6C14 (0.57646501 ETH)'. The 'DEPLOY &amp; RUN TRANSACTIONS' panel shows the 'DigitalAssetRegistry - digitalAssets.sol' contract. The main editor displays the Solidity code for the 'DigitalAssetRegistry' contract, which includes functions for registering assets, transferring ownership, and publishing assets.</p>
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4

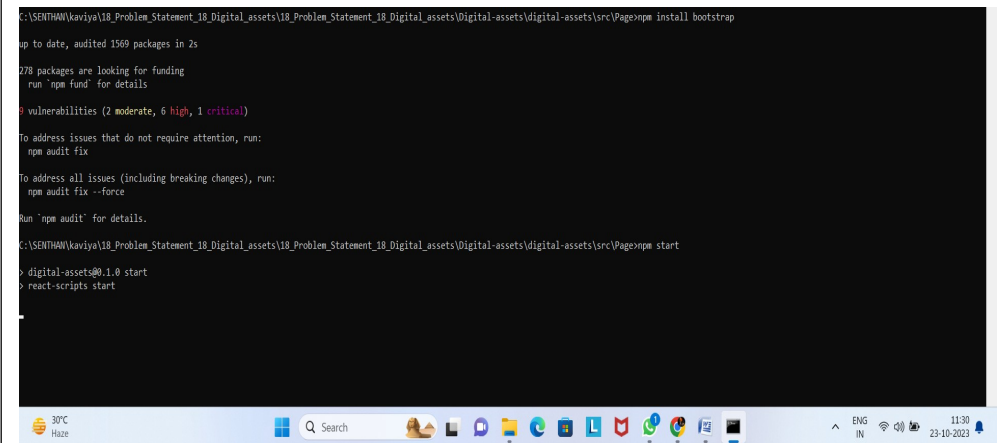
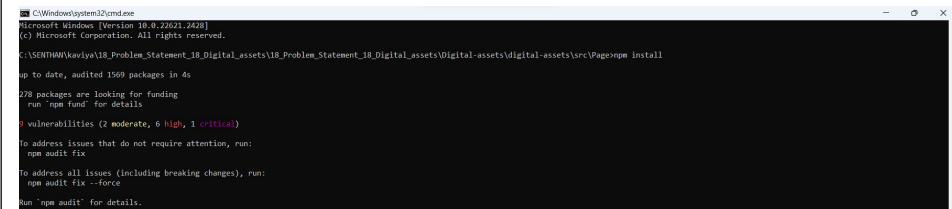
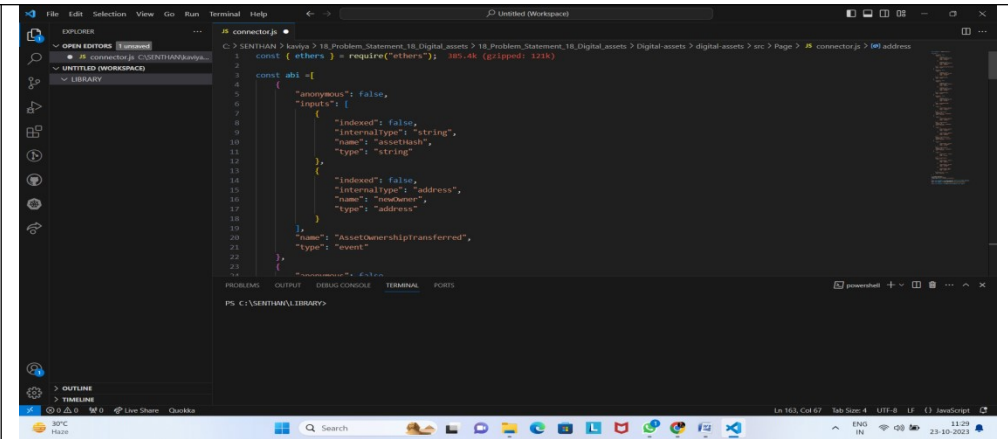
Open file explorer

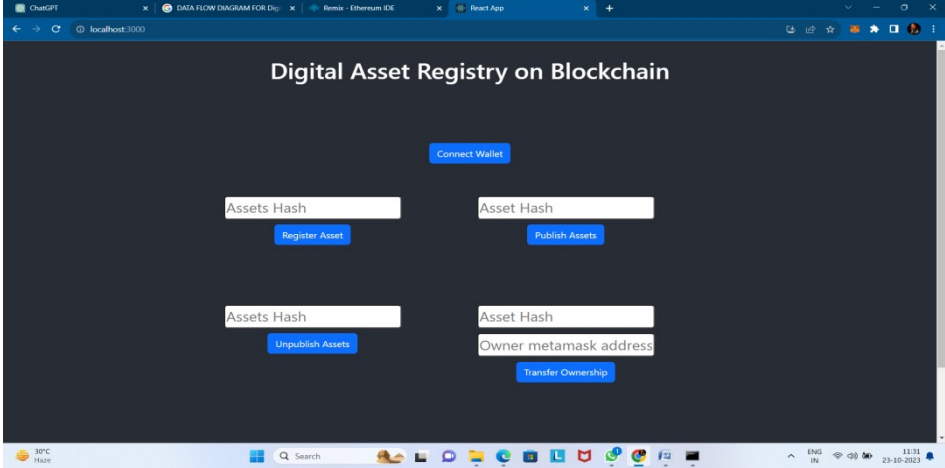
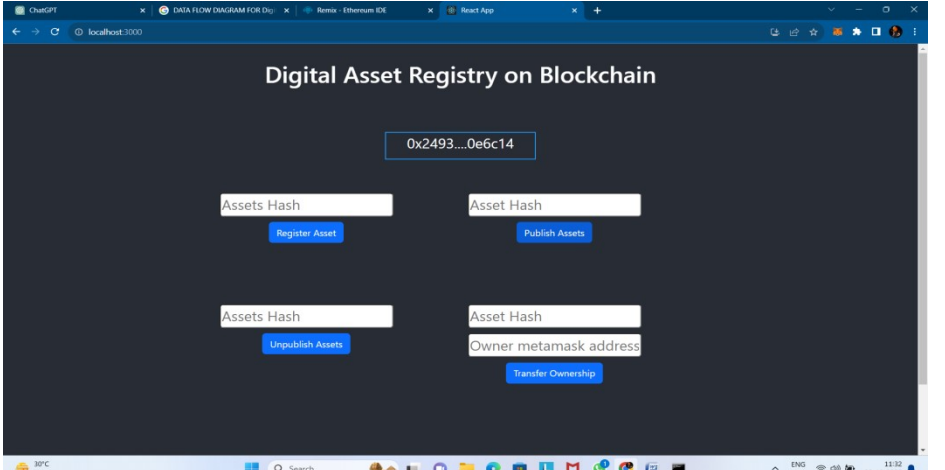
Open the extracted file and click on the folder.

Open src, and search for utilities.

Open cmd enter commands

- 1.npm install
- 2.npm bootstrap
3. npm start



5	{LOCALHOST IP ADDRESS}	Copy the address and open it to chrome so you can see the front end of your project.	<p>Local: <code>http://localhost:3000</code></p>  
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