

Project Development Phase

Model Performance Test

Date	10 November 2023
Team ID:	NM2023TMID06191
Project Name	Agriculture Data Management
Maximum Marks	4 marks

Model Performance Testing:

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

S. No.	Parameter	Values	Screenshot
1.	Information gathering	Setup all the Prerequisite:	

The screenshot displays the development environment for the 'Agriculture' project. In the background, a Windows Command Prompt window shows the following commands and outputs:

```

C:\Users\Jenil\Desktop\Block_Chain\Agriculture\agriculture-registry>npm -v
10.2.1

C:\Users\Jenil\Desktop\Block_Chain\Agriculture\agriculture-registry>node -v
v20.9.0

C:\Users\Jenil\Desktop\Block_Chain\Agriculture\agriculture-registry>
  
```

In the foreground, the VS Code editor shows the file explorer on the left with the project structure:

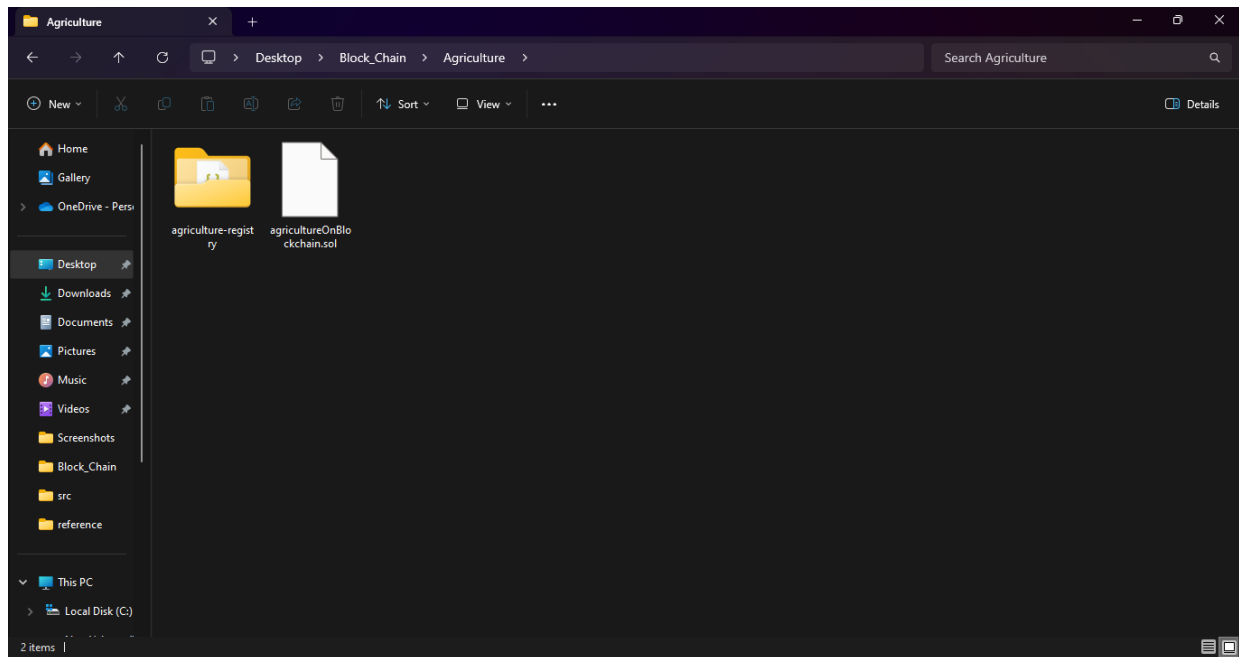
- AGRICULTURE
 - agriculture-registry
 - node_modules
 - public
 - src
 - Page
 - connectorjs (selected)
 - Home.js
 - App.css
 - App.js
 - App.test.js
 - index.css
 - index.js
 - logo.svg
 - reportWebVitals.js
 - setupTests.js
 - .gitignore
 - package-lock.json

The main editor window shows the content of `connectorjs`:

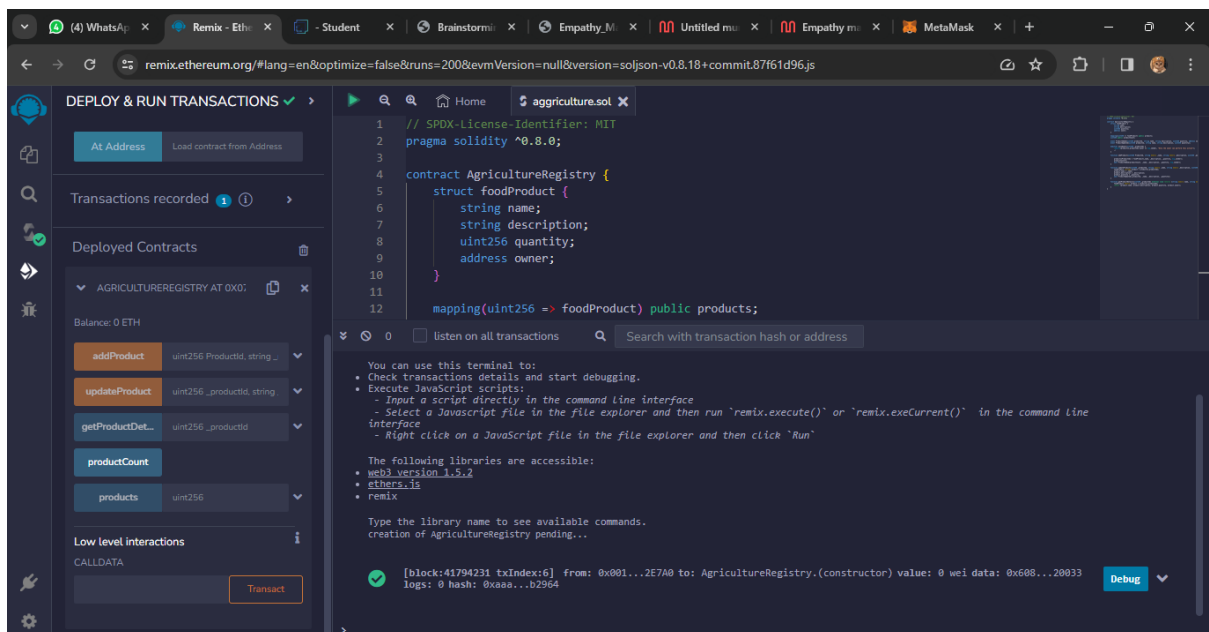
```

1  const { ethers } = require("ethers");
2
3  const abi = [
4    {
5      "anonymous": false,
6      "inputs": [
7        {
8          "indexed": false,
9          "internalType": "uint256",
10         "name": "productId",
11         "type": "uint256"
12       },
13       {
14         "indexed": false,
15         "internalType": "string",
16         "name": "name",
17         "type": "string"
18       },
19       {
20         "indexed": false,
  
```

2.	Extract the zip files	Open to VS Code	
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3.	Remix IDE Platform Exploring	Deploy the smart contract code Deploy and run the transaction. By selecting the environment - inject the MetaMask.	
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4.	Open file explorer	Open the extracted file and click on the folder. Open src, and search for utiles. Open cmd enter commands 1.npm install 2.npm bootstrap 3. npm start	
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```

Windows PowerShell
Compiled successfully!

You can now view agriculture-registry in the browser.

Local:      http://localhost:3000
On Your Network:  http://192.168.1.61:3000

Note that the development build is not optimized.
To create a production build, use npm run build.

webpack compiled successfully

```

5.	LOCALHOST IP ADDRESS	copy the address and open it to chrome so you can see the front end of your project	
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