project Development Phase

Model Performance Test

Date	04 November 2023
Team ID	NM2023TMID04523
Project Name	Agriculture Docs Chain

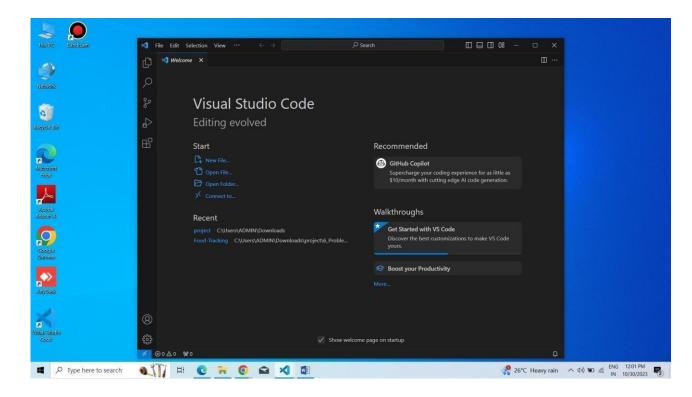
Model Performance Testing:

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

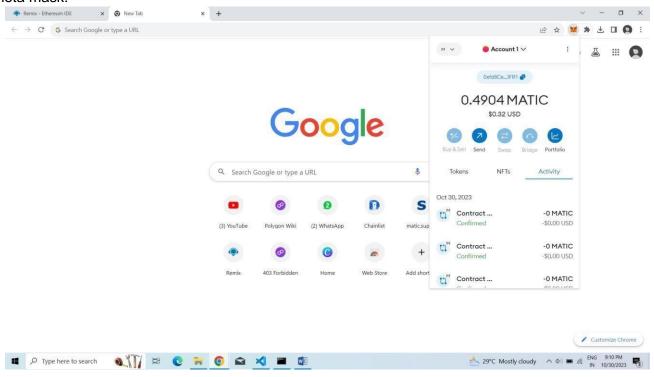
S.No.	Parameter	Values	Screenshot
1.	Information gathering	Setup all the Prerequisite:	Refer below
2.	Extract the zip files	Open to vs code	Refer below

3.	Remix Ide platform explorting	Deploy the smart contract code Deploy and run the transaction. By selecting the environment - inject the MetaMask.	Refer below
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	Refer below
5	{LOCALHOST IP ADDRESS	copy the address and open it to chrome so you can see the front end of your project.	Refer below

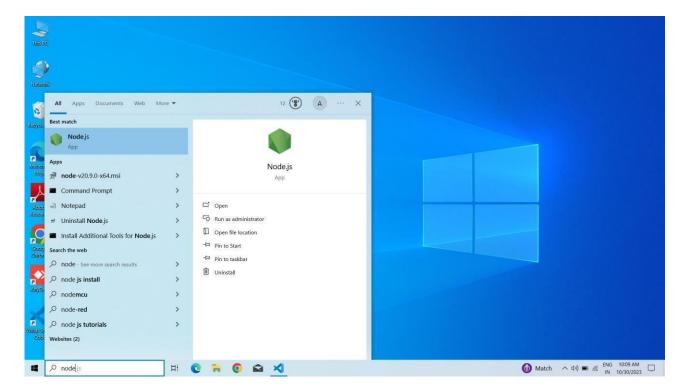
1.Vscode:



Meta mask:



Node.js



2.

```
D
     struct foodProduct {
                                                             string name;
string description;
uint256 quantity;
                                                              address owner;
                                                         mapping(uint256 => foodProduct) public products;
uint256 public productCount;
                                                         event ProductAdded(uint256 productId, string name, string description, uint256 quantity, address owner); event ProductUpdated(uint256 productId, string name, string description, uint256 quantity);
                                                         modifier onlyOwner(uint256 _productId) {
    require(products[_productId].owner == msg.sender, "Only the owner can perform this action");
                                                              productCount++;
emit ProductAdded(productCount, _name, _description, _quantity, msg.sender);
                                                         function updateProduct(uint256 _productId, string memory _name, string memory _description, uint256 _quantity) external onlyOwner(_pr
foodProduct storage product = products[_productId];
                                                             product.name = _name;
product.description = _description;
product.quantity = _quantity;
emit ProductUpdated(_productId, _name, _description, _quantity);
کریځ > OUTLINE
                                                                                                                                                                         Type here to search
                                     A O A O
```

3.

