project Development Phase

Model Performance Test
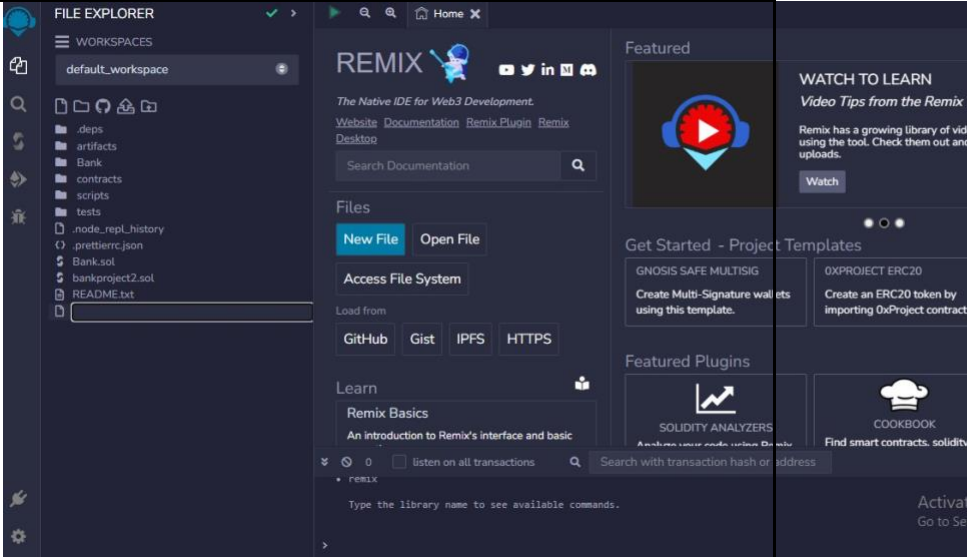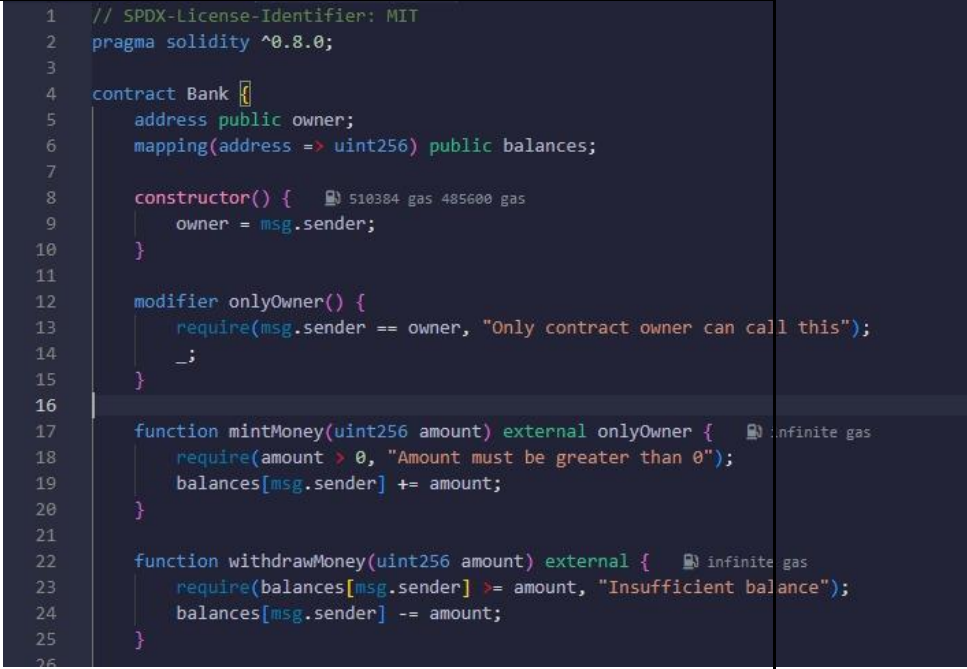
Date	29 OCTEMBER 2023
Team ID	NM2023TMID00537
Project Name	CENTRAL BANK SMART CONTRACT IN BLOK CHAIN
Maximum Marks	10 Marks

Model Performance Testing:

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

S. No.	Para meter	Values	Screenshot

		Information gathering	Setup all the Prerequisite:	
		Extract the zip files	Open ovs code	

3.	Remix Ide platform ex plo rtin g	Deploy the smart contract code Deploy and run the transaction. By selecting the environment - inject the MetaMask.	
	Open file explor er	Open the extracted file and click on the folder. Open src, and	

```solidity
// SPDX-License-Identifier: MIT
pragma solidity ^0.8.0;

contract Bank {
    address public owner;
    mapping(address => uint256) public balances;

    constructor() {      510384 gas 485600 gas
        owner = msg.sender;
    }

    modifier onlyOwner() {
        require(msg.sender == owner, "Only contract owner can call this");
        _;
    }

    function mintMoney(uint256 amount) external onlyOwner {     infinite gas
        require(amount > 0, "Amount must be greater than 0");
        balances[msg.sender] += amount;
    }

    function withdrawMoney(uint256 amount) external {     infinite gas
        require(balances[msg.sender] >= amount, "Insufficient balance");
        balances[msg.sender] -= amount;
    }
```

		search for utiles. Open cmd enter commands 1.npm install 2.npm bootstrap 3. npm start	

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