Project Development Phase and Model Performance Test

Date	04 November 2023
Team ID	NM2023TMID00389
Project Name	Blockchain Technology For Electronic Health Records

Model Performance Testing:

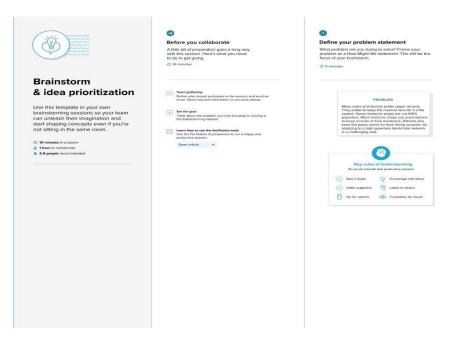
Project team shall fill the following information when working for blockchain.

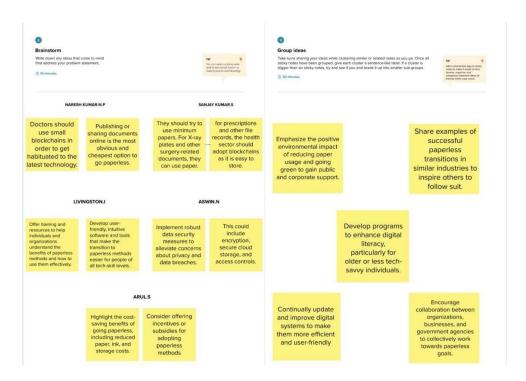
S.No.	Parameter	Values	Screenshot
1.	Information gathering	Setup all the Prerequisite:	The Screenshots of information gathering are all given below.
2.	Extract the zip files	Open to vs code	The Screenshots of extract the zip file are all given below.

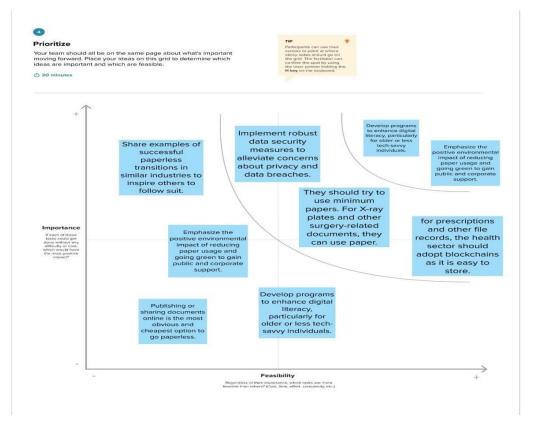
3.	Remix Idle Platform explorting	Deploy the smart contract code Deploy and run the transaction. Byselecting the environment - inject the MetaMask.	The Screenshots of extract the zip file are all given below.
4	Open file explorer	Open the extracted file and click onthe folder. Open src, and search for utiles. Open cmd enter commands 1.npm install 2.npm bootstrap 3.npm start	The Screenshots of extract the zip file are all given below.
5	LOCALHOST IPADDRESS	Copy the address and open it to chrome so you can see the front end of your project.	The Screenshots of extract the zip file are all given below.

1. INFORMATION GATHERING

Screenshot 1







Screenshot 4

Empathy map for: Blockchain Technology For Electronics Health Records

This empathy map aims to understand the thoughts, feelings, needs, and actions of users in relation to blockchain technology for electronic health records. It will help in gaining insights into their experiences and identifying opportunities for improvement.



2. EXTRACT THE ZIP FILE

Screenshot 1

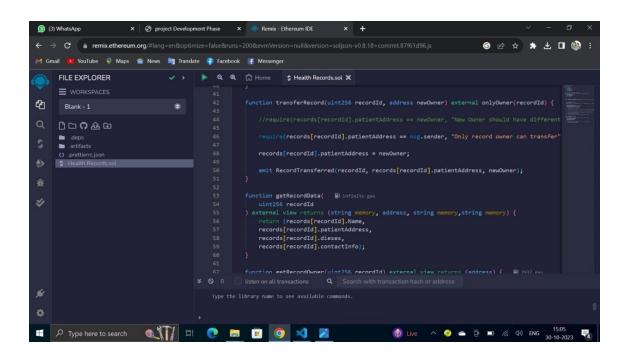
```
📢 File Edit Selection View Go Run
                                                                                                                                         ♦ Health Records.sol ×
        1 // SPDX-License-Identifier: MIT
2 pragma solidity ^0.8.0;
             contract HealthRecords {
                 struct PatientRecord {
                     string Name;
address patientAddress;
string dieses;
                     string contactInfo;
                 mapping(uint256 => PatientRecord) public records;
                 event RecordCreated(uint256 indexed recordId, address indexed patientAddress);
                 event RecordTransferred(
uint256 indexed recordId,
address indexed from,
                     address indexed to
                 modifier onlyOwner(uint256 recordId) {
    require(msg.sender == records[recordId].patientAddress,"Only contract owner can call this");
function createRecord(
30
uint256 recordId.
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```

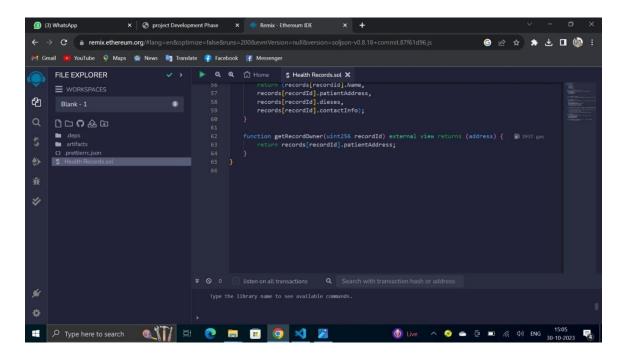
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# Health Records View Go Run ...

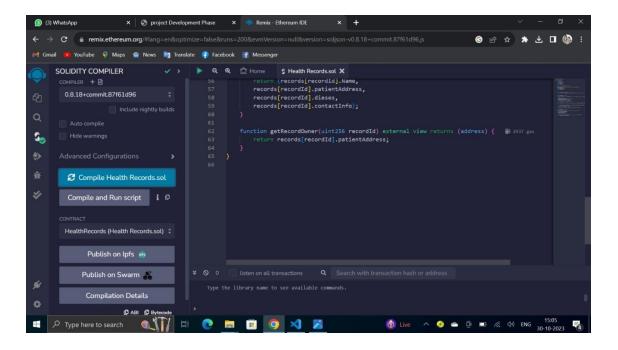
| Health Records | Heal
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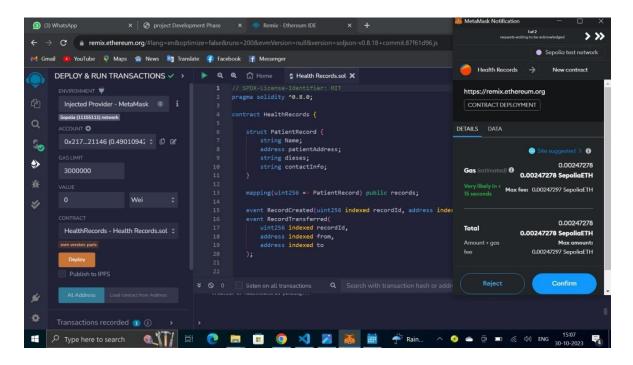
3. Remix Ide platform Explorting

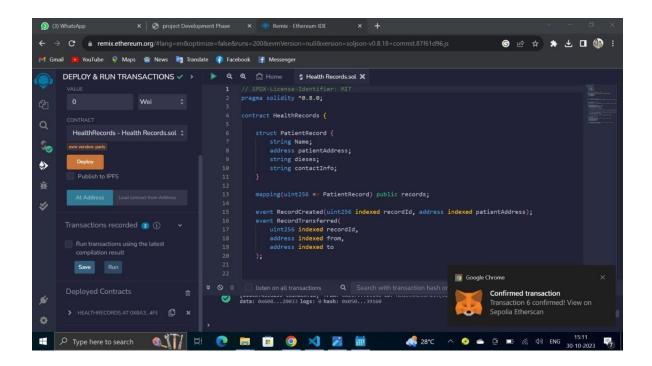
```
X Sproject Development Phase X Remix - Ethereum IDE
🗧 🤣 🕏 C 🔞 remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson=v0.8.18+commit.87f61d96.js 🕲 🔅 🌣 🚨 🛭 🔞 :
🎮 Gmail 📭 YouTube 💡 Maps 🐨 News 🥞 Translate 🧗 Facebook 🥤 Messenger
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                                  ■ WORKSPACES
42
Q 0000
                                                                e(msg.sender == records[recordId].patientAddress,"Only contract owner can call thi
    .deps artifacts
     S He
                                                      uint256 recordId,
string memory name, address _patientAddress, string memory _diseases, string memory _con
) external {
                                                         records[recordId].Name = name;
records[recordId].patientAddress = _patientAddress;
records[recordId].dieses = _diseases;
records[recordId].contactInfo = _contactInfo;
*
                                                          emit RecordCreated(recordId, _patientAddress);
                                                     function transferRecord(uint256 recordId, address newOwner) external onlyOwner(recordId) {
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```

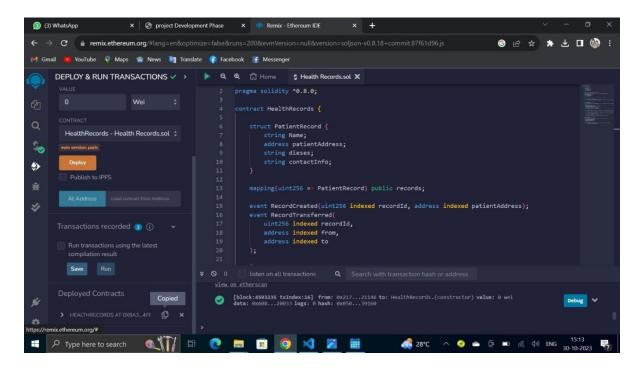












4. OPEN TH EFILE EXPLORER

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                                                                                                                                                                                                                                                                                                                                                                                                   ... Js connector.js •

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              • JS connector.js src\Page
                                                                                                                   183 "stateMutability": "nonpayable",
184 "type": "function"
                                                                                                                   188 if (!window.ethereum) {
189 alert('Meta Mask Not Found')
                                                                                                                   JS App.test.js
                      # index css
                      JS index.js
                                                                                                                                     export const contract = new ethers.Contract(address, abi, signer)
                      logo.svg
                      JS reportWebVitals.is
                     JS setupTests.is
                    gitignore
                   {} package-lock.json
                   {} package.json

    README.md

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∠ health-records

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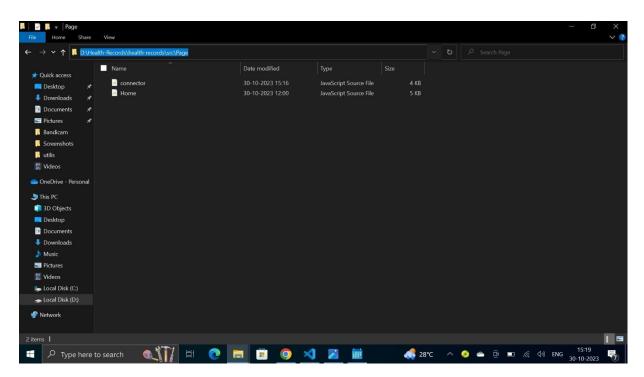
                                                                                                                                                                                          "stateMutability": "nonpayable",
"type": "function"
                      V HEALTH-RECORDS
                                                                                                                                                            if (!window.ethereum) {

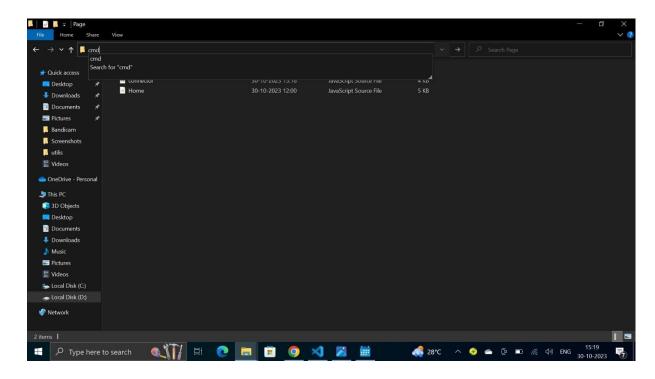
189 | alert('Meta Mask Not Found')

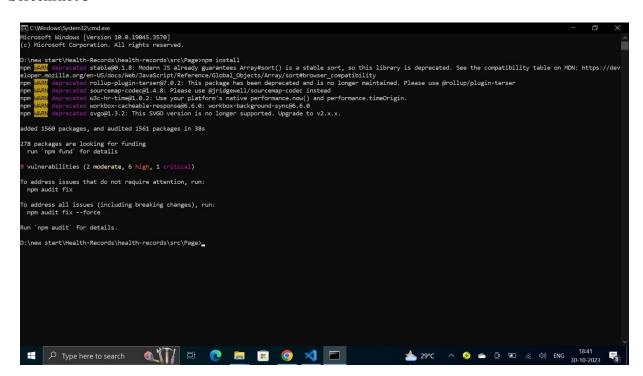
190 | window.open("https://metamask.io/download/")

191 |}
                               JS Home.js
                                                                                                                                                             psychological provider = new ethers.providers.Web3Provider(window.ethereum);

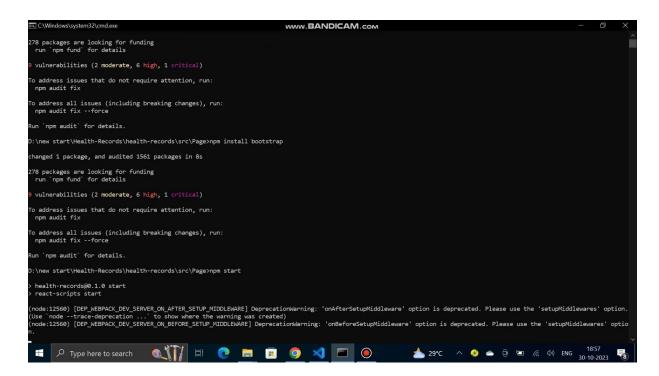
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                             # App.css
                             JS App.test.js
                             # index.css
                             JS reportWebVitals.is
                             JS setupTests.is
                           gitignore
                         {} package-lock.json
                         {} package.json
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                  > OUTLINE
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```







```
dded 1560 packages, and audited 1561 packages in 38s
278 packages are looking for funding run `npm fund` for details
 vulnerabilities (2 moderate, 6 high, 1 critical)
To address issues that do not require attention, run:
npm audit fix
To address all issues (including breaking changes), run:
 un `npm audit` for details.
o:\new start\Health-Records\health-records\src\Page>npm install bootstrap
changed 1 package, and audited 1561 packages in 8s
278 packages are looking for funding run `npm fund` for details
 vulnerabilities (2 moderate, 6 high, 1 critical)
o address issues that do not require attention, run: npm audit fix
To address all issues (including breaking changes), run:
npm audit fix --force
un `npm audit` for details.
 :\new start\Health-Records\health-records\src\Page>
```



5. LOCALHOST IPADDRESS

Screenshot 1

