

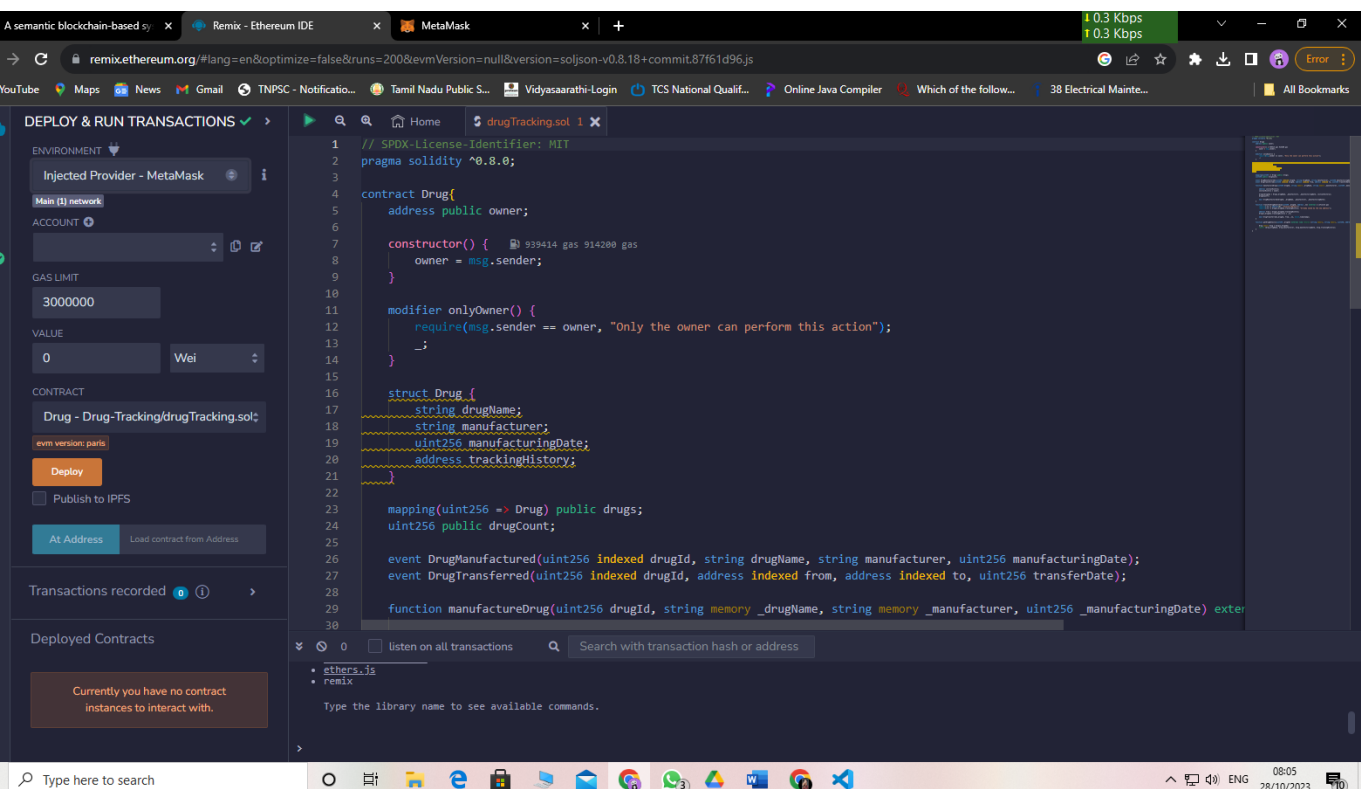
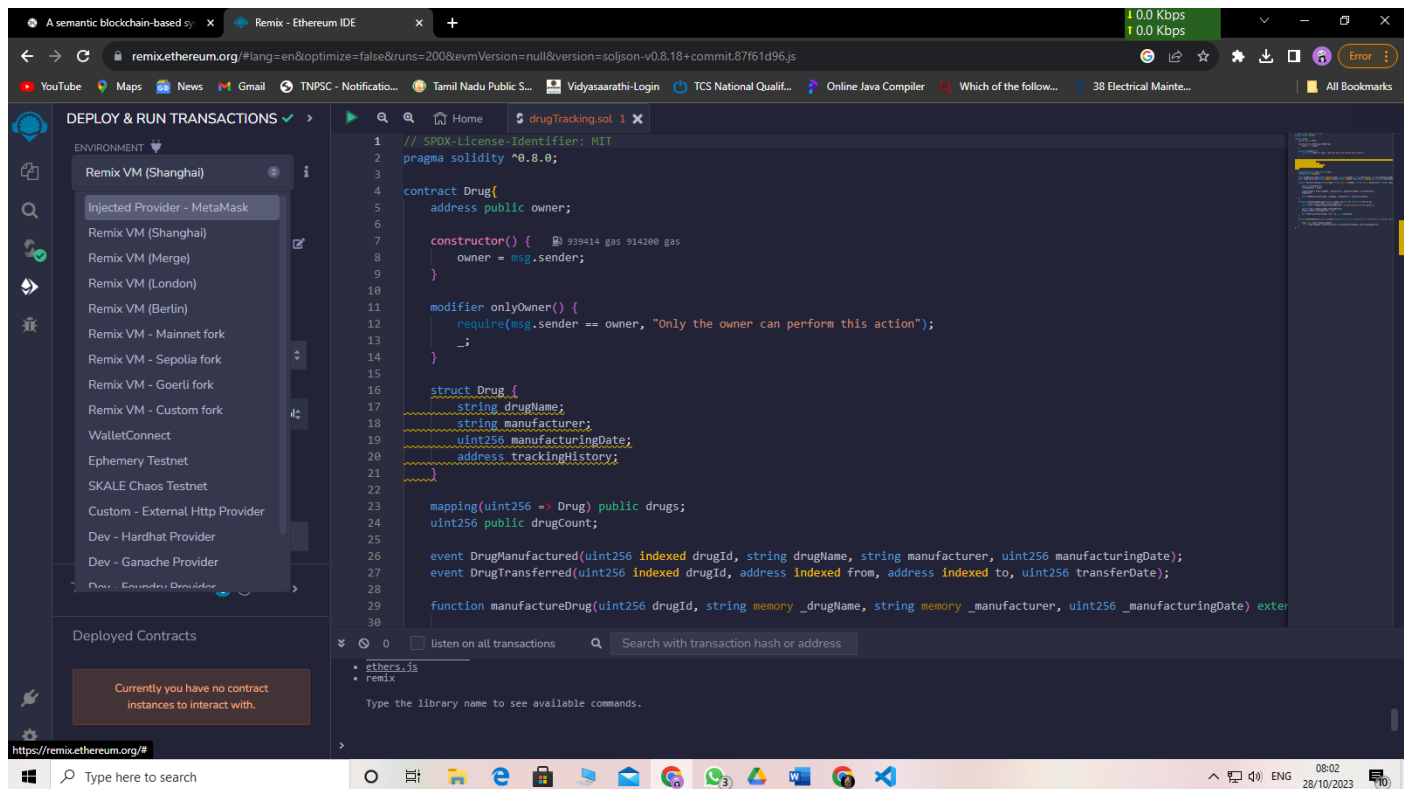
Team ID : 4185DB209DE7AD8BCEB4297A25087FE3

Project Name : Drug Traceability

ADDING METAMASK EXTENSIONS

Steps:

1. Change the environment



DEPLOY & RUN TRANSACTIONS

ENVIRONMENT
Injected Provider - MetaMask
Main (1) network
ACCOUNT
GAS LIMIT
3000000
VALUE
0 Wei
CONTRACT
Drug - Drug-Tracking/drugTracking.sol
evm version: paris
Deploy
Deploy - transact (not payable)
Publish to IPFS
At Address
Load contract from Address
Transactions recorded
Deployed Contracts
Currently you have no contract instances to interact with.

```
1 // SPDX-License-Identifier: MIT
2 pragma solidity ^0.8.0;
3
4 contract Drug{
5     address public owner;
6
7     constructor() {
8         owner = msg.sender;
9     }
10
11     modifier onlyOwner() {
12         require(msg.sender == owner, "Only the owner can perform this action");
13     }
14
15     struct Drug {
16         string drugName;
17         string manufacturer;
18         uint256 manufacturingDate;
19         address trackingHistory;
20     }
21
22     mapping(uint256 => Drug) public drugs;
23     uint256 public drugCount;
24
25     event DrugManufactured(uint256 indexed drugId, string drugName, string manufacturer, uint256 manufacturingDate);
26     event DrugTransferred(uint256 indexed drugId, address indexed from, address indexed to, uint256 transferDate);
27
28     function manufactureDrug(uint256 drugId, string memory _drugName, string memory _manufacturer, uint256 _manufacturingDate) external
```

listen on all transactions

Search with transaction hash or address

Type the library name to see available commands.
creation of Drug pending...

Type here to search

08:05
28/10/2023

DEPLOY & RUN TRANSACTIONS

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```

listen on all transactions

Search with transaction hash or address

Warning: This declaration shadows an existing declaration.
--> Drug-Tracking/drugTracking.sol:16:5:
16 | struct Drug {
 | ^ (Relevant source part starts here and spans across multiple lines).
Note: The shadowed declaration is here:
--> Drug-Tracking/drugTracking.sol:4:1:
4 | contract Drug{
 | ^ (Relevant source part starts here and spans across multiple lines).
creation of Drug pending...

Type here to search

08:07
28/10/2023

Please make sure the injected provider is unlocked (e.g Metamask).



2 . meta mask extensions

The screenshot displays the Remix Ethereum IDE interface. The top bar shows the browser address: `remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d96.js`. The left sidebar contains the 'DEPLOY & RUN TRANSACTIONS' panel with settings for the environment (Injected Provider - MetaMask), account (0x65b...2846c), gas limit (3000000), and value (0 Wei). The main editor shows a Solidity contract named `DrugTracking.sol` with the following code:

```
1 // SPDX-License-Identifier: MIT
2 pragma solidity ^0.8.0;
3
4 contract Drug {
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6
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8         owner = msg.sender;
9     }
10
11     modifier onlyOwner() {
12         require(msg.sender == owner, "Only the owner can perform this action");
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22     mapping(uint256 => Drug) public drugs;
23     uint256 public drugCount;
24
25     event DrugManufactured(uint256 indexed drugId, string drugName, string manufacturer);
26     event DrugTransferred(uint256 indexed drugId, address indexed from, address indexed to);
27
28     function manufactureDrug(uint256 drugId, string memory _drugName, string memory _manufacturer, uint256 _manufacturingDate) external onlyOwner {
29         // ...
30     }
31 }
```

The right sidebar shows the 'Account 1' overlay with a balance of 99.9947 MATIC (\$61.97 USD). It includes buttons for 'Buy & Sell', 'Send', 'Swap', 'Bridge', and 'Portfolio'. Below these, there are tabs for 'Tokens', 'NFTs', and 'Activity'. The 'Activity' tab shows a list of transactions, including two confirmed transactions on Oct 27, 2023, each involving -0 MATIC and -\$0.00 USD. The bottom status bar shows the system clock at 08:09 on 28/10/2023.