

## PROJECT DEVELOPMENT PHASE

### Model Performance Test

Date	28 OCTOBER 2023
Team ID	NM2023TMID11339
Project Name	ELECTRONIC VOTING SYSTEMS
Maximum Marks	10 Marks

### Model Performance Testing:

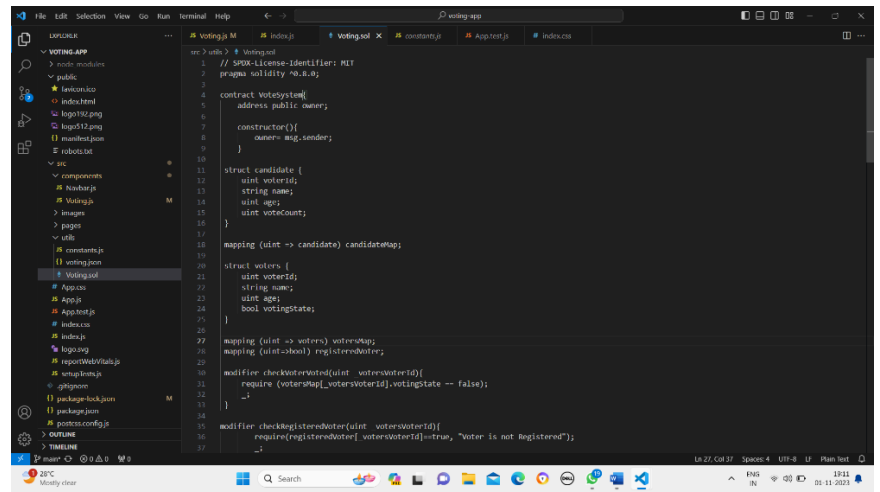
Project team shall fill the following information when working in blockchain.

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

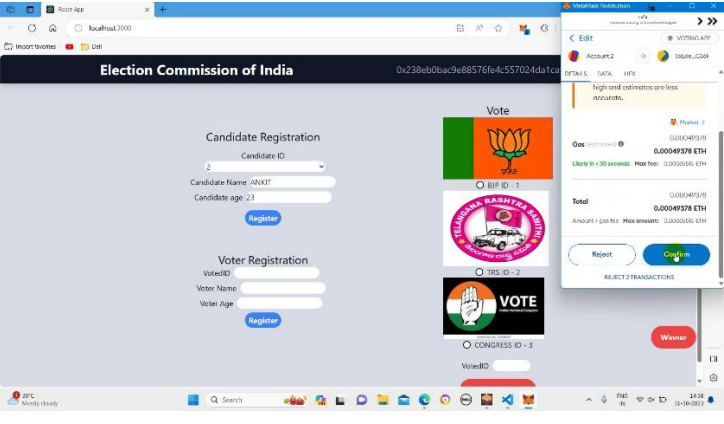
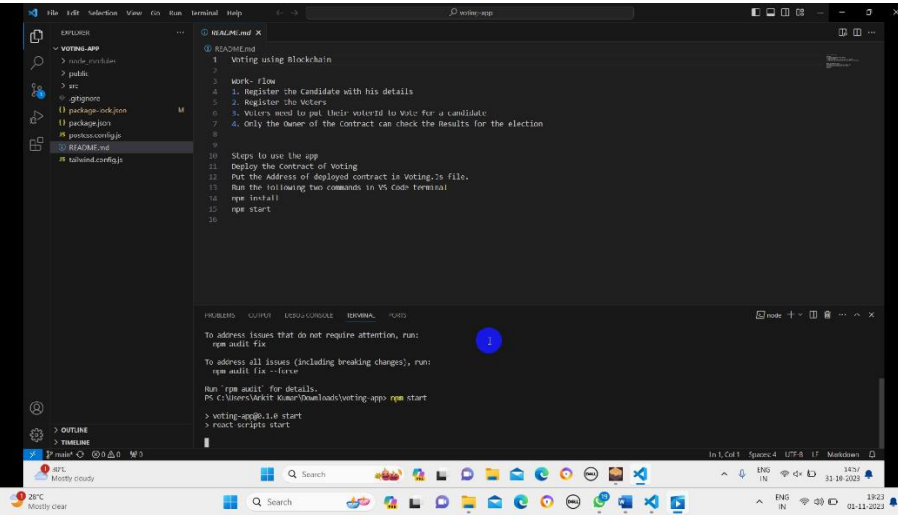
2.

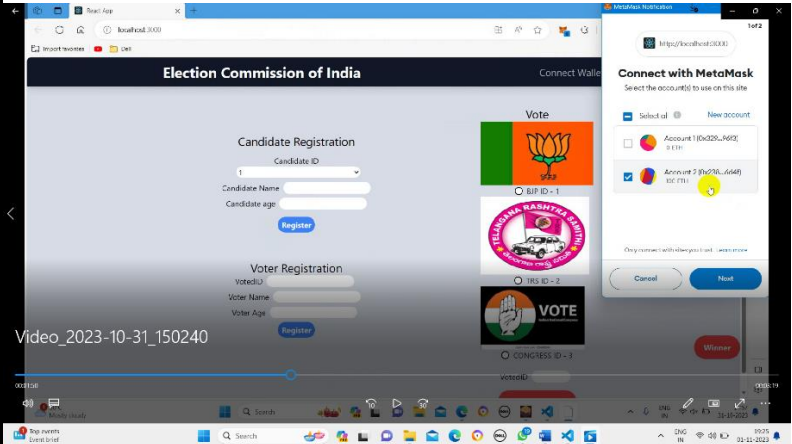
Extract the  
zip files

Open to vs  
code



```
1 // SPDX-License-Identifier: MIT
2 pragma solidity ^0.8.0;
3
4 contract VotingSystem {
5     address public owner;
6
7     constructor({
8         name = msg.sender;
9     }) {
10         owner = msg.sender;
11     }
12
13     struct candidate {
14         uint voterId;
15         string name;
16         uint age;
17         uint voteCount;
18     }
19
20     mapping (uint => candidate) candidateMap;
21
22     struct voters {
23         uint voterId;
24         string name;
25         uint age;
26         bool votingState;
27     }
28
29     mapping (uint => voters) votersMap;
30     mapping (uint => bool) registeredVoter;
31
32     modifier checkVoterVoted(uint voterVoterId) {
33         require (votersMap[voterVoterId].votingState == false);
34         _;
35     }
36
37     modifier checkRegisteredVoter(uint voterVoterId) {
38         require(registeredVoter[voterVoterId]==true, "Voter is not Registered");
39         _;
40     }
41 }
```

3.	Remix Ide platform explorting	<p>Deploy the smart contract code</p> <p>Deploy and run the transaction. By selecting the environment - inject the MetaMask.</p>	
4	Open file explorer	<p>Open the extracted file and click on the folder.</p> <p>Open src, and search for utiles.</p> <p>Open cmd enter commands</p> <p>1.npm install</p> <p>2.npm bootstrap</p> <p>3. npm start</p>	

5	LOCALHOST IP ADDRESS	<p>Copy the address and open it to chrome so you can see the front end of your project.</p>	
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