<u>Project Design Phase-I</u>

<u>Solution Architecture</u>
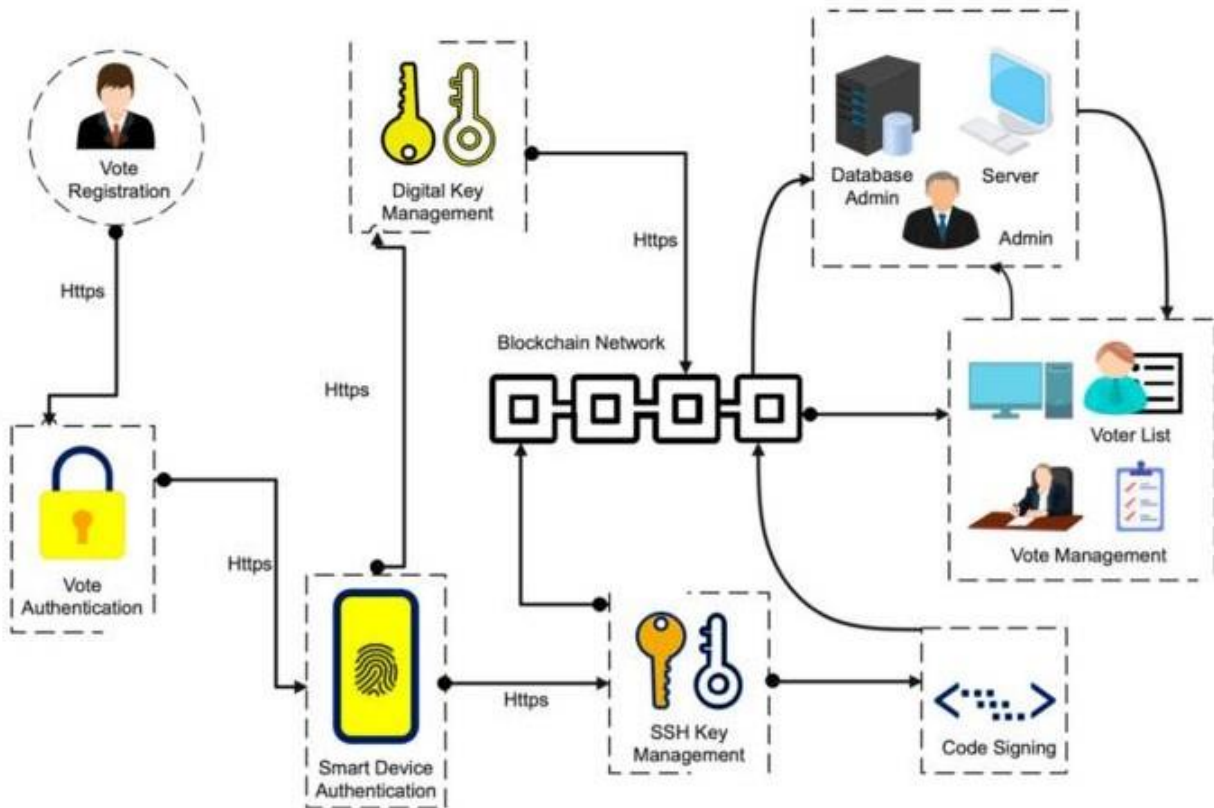
Date	28 October 2023
Team ID	NM2023TMID01563
Project Name	Electronic Voting System
Maximum Marks	4 Marks

<u>Solution Architecture:</u>

Solution architecture is a complex process – with many sub-processes – that bridges the gapbetween business problems and technology solutions. Its goals are to:

• Find the best tech solution to solve existing business problems.

• Describe the structure, characteristics, behavior, and other aspects of the software to projectstakeholders.

• Define features, development phases, and solution requirements.

• Provide specifications according to which the solution is defined, managed, and delivered.

Example - Solution Architecture Diagram:

Prerequisite:

1 download node.js:

 Node.js2 download vs

 code: Li4nk

3 download meta mask: https://metamask.io/

Steps to complete project

Step 1:

1.   Open the Zip file and download the zip file.
2.   Extract all zip files

Step 2:

1. Open vs code in the left top selected open folder. Select extracted file and open.

2. Select the project name .sol file and copy the code.

3. Open the remix ide platform and create a new file by giving the name of project name .sol andpaste the code which you copied from vs code.

4. Click on solidity compiler and click compile the project name .sol

5. Deploy the smart contract by clicking on the deploy and run transaction.

6. select injected provider - MetaMask. In environment

7. Click on deploy. Automatically MetaMask will open and give confirmation. You will get a popup click on ok.

8. In the Deployed contract you can see one address copy the address.

9. Open vs code and search for the connector.js. In contract.js you can paste the address at thebottom of the code. In export const address.

10. Save the code.

Step 3:

open file explorer

1. Open the extracted file and click on the folder.

2. Open src, and search for utiles.

3. You can see the frontend files. Select all the things at the top in the search bar by clicking alt+
A. Search for cmd
4. Open cmd enter

commandsnpm install

npm

bootstrap

npm start

5. It will install all the packages and after completing it will open {LOCALHOST IP ADDRESS} copythe address and open it to chrome so you can see the frontend of your project.