

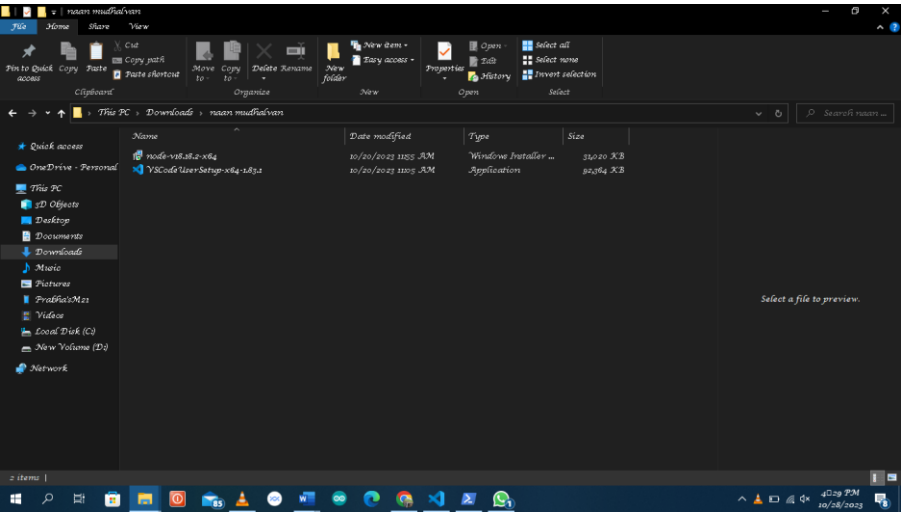
Project Development Phase

Model Performance Test

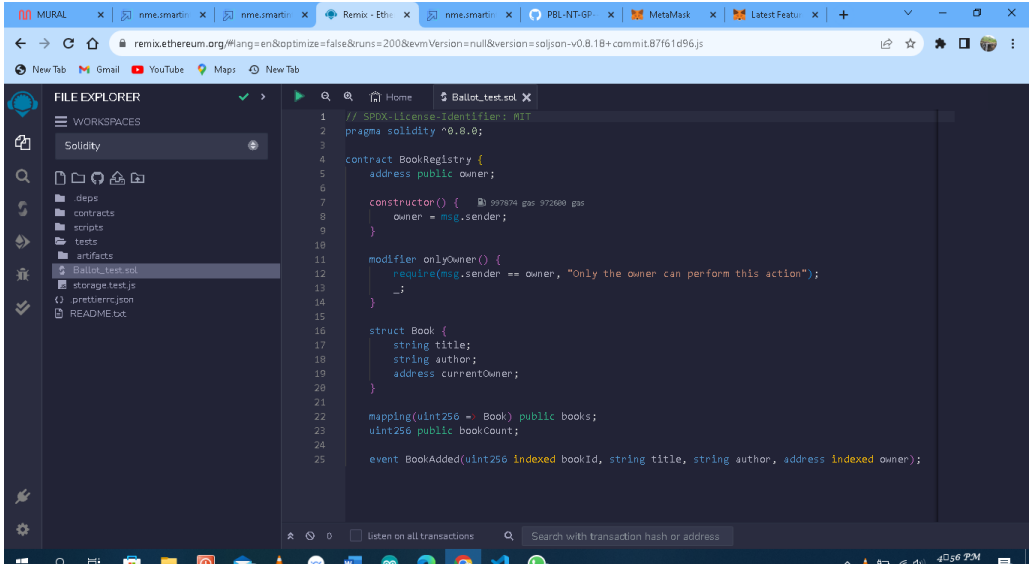
Date	25-10-2023
Team ID	NM2023TMID04061
Project Name	Blockchain Powered Library Management

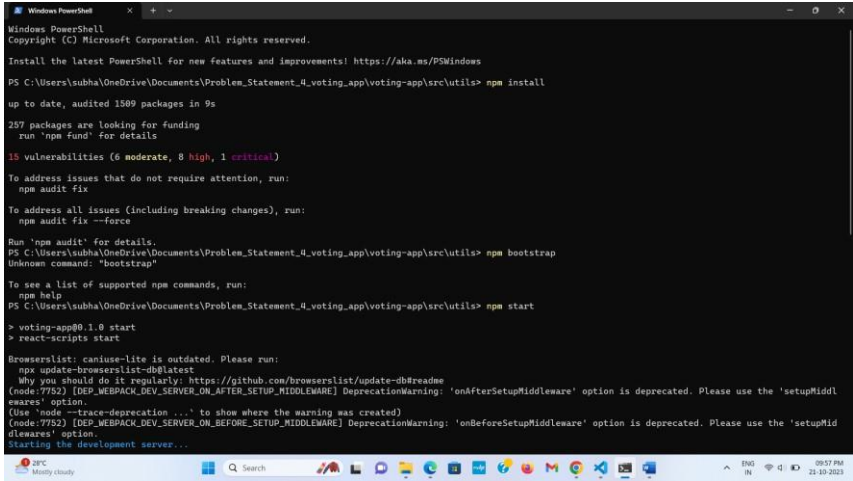
Model Performance Testing:

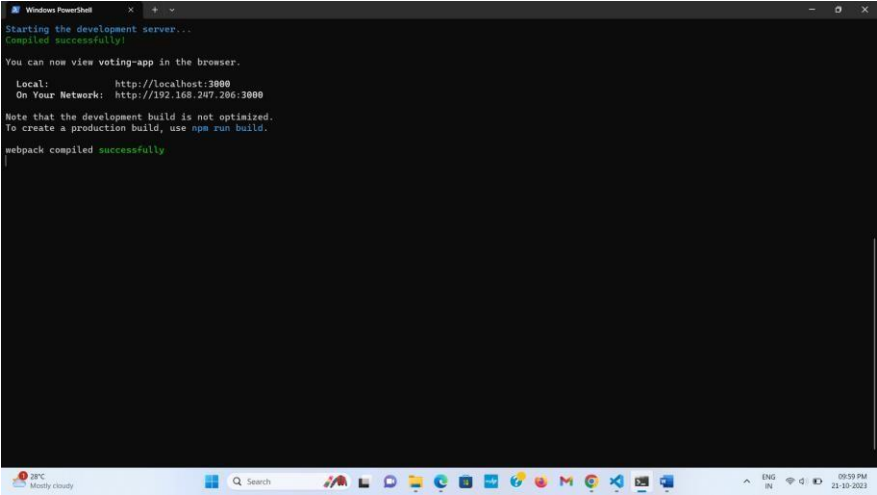
S.No.	Parameter	Values	Screenshot

1.	Information gathering	Setup all the Prerequisite:	<div></div> <p>VS Code & nodejs</p>
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			<div data-bbox="647 333 1468 795"></div> <p>Metamask</p>
2.	Extract the zip files	Open to vs code	<div data-bbox="656 1218 1513 1701"></div>

3.	Remix Ide platform exploring	<p>Deploy the smart contract code</p> <p>Deploy and run the transaction. By selecting the environment - inject the MetaMask.</p>	 <p>The screenshot displays the Remix IDE web application in a browser. The left sidebar shows the 'FILE EXPLORER' with a project structure including 'deps', 'contracts', 'scripts', 'tests', 'artifacts', and 'BallotTest.sol'. The main editor area shows the Solidity code for 'BallotTest.sol'. The code defines a 'BookRegistry' contract with a constructor that sets an owner, a modifier 'onlyOwner' that restricts actions to the owner, and a 'Book' struct with fields for title, author, and current owner. The 'BallotTest' contract inherits from 'BookRegistry' and includes a mapping for books, a public book count, and an event 'BookAdded'.</p>
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4.	Open file explorer	<p>Open the extracted file and click on the folder.</p> <p>Open src, and search for utils.</p> <p>Open cmd enter commands</p> <p>1.npm install</p> <p>2.npm bootstrap</p> <p>3. npm start</p>	 <p>The screenshot shows a Windows PowerShell terminal window. The user is in the directory C:\Users\subha\OneDrive\Documents\Problem_Statement_4_voting_app\src\utils. They run 'npm install', which audits 1509 packages and finds 15 vulnerabilities (6 moderate, 8 high, 1 critical). They then run 'npm audit fix' and 'npm audit fix --force'. Finally, they run 'npm bootstrap', which shows deprecation warnings for 'onAfterSetupMiddleware' and 'onBeforeSetupMiddleware' options. The terminal also shows the command 'npm start' and the output 'Starting the development server...'.</p>
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			 <p>A screenshot of a Windows PowerShell terminal window. The window title is "Windows PowerShell". The text inside the terminal reads: "Starting the development server...", "Compiled successfully!", "You can now view voting-app in the browser.", "Local: http://localhost:3000", "On Your Network: http://192.168.247.206:3000", "Note that the development build is not optimized.", "To create a production build, use npm run build.", "webpack compiled successfully". The terminal is open on a Windows desktop. The taskbar at the bottom shows the Start button, a search bar, and several application icons including File Explorer, Edge, and various development tools. The system tray on the right shows the date and time as 09:59 PM on 21-10-2023.</p>
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5.	LOCALHOST IP ADDRESS	copy the address and open it to chrome so you can see the front end of your project	
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			<div><div>Book Details On Blockchain</div><div><div>Connect Wallet</div><div><div>Enter Registration numb</div><div>Enter Book Title</div><div>Enter Book Author</div><div>Add book</div></div><div><div>Enter Registration Id</div><div>Enter New owner metama</div><div>Transfer book ownership</div></div></div><div><div>Enter book Id</div><div>Get Identity Details</div></div></div>
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