


**project Development Phase
Model Performance Test**

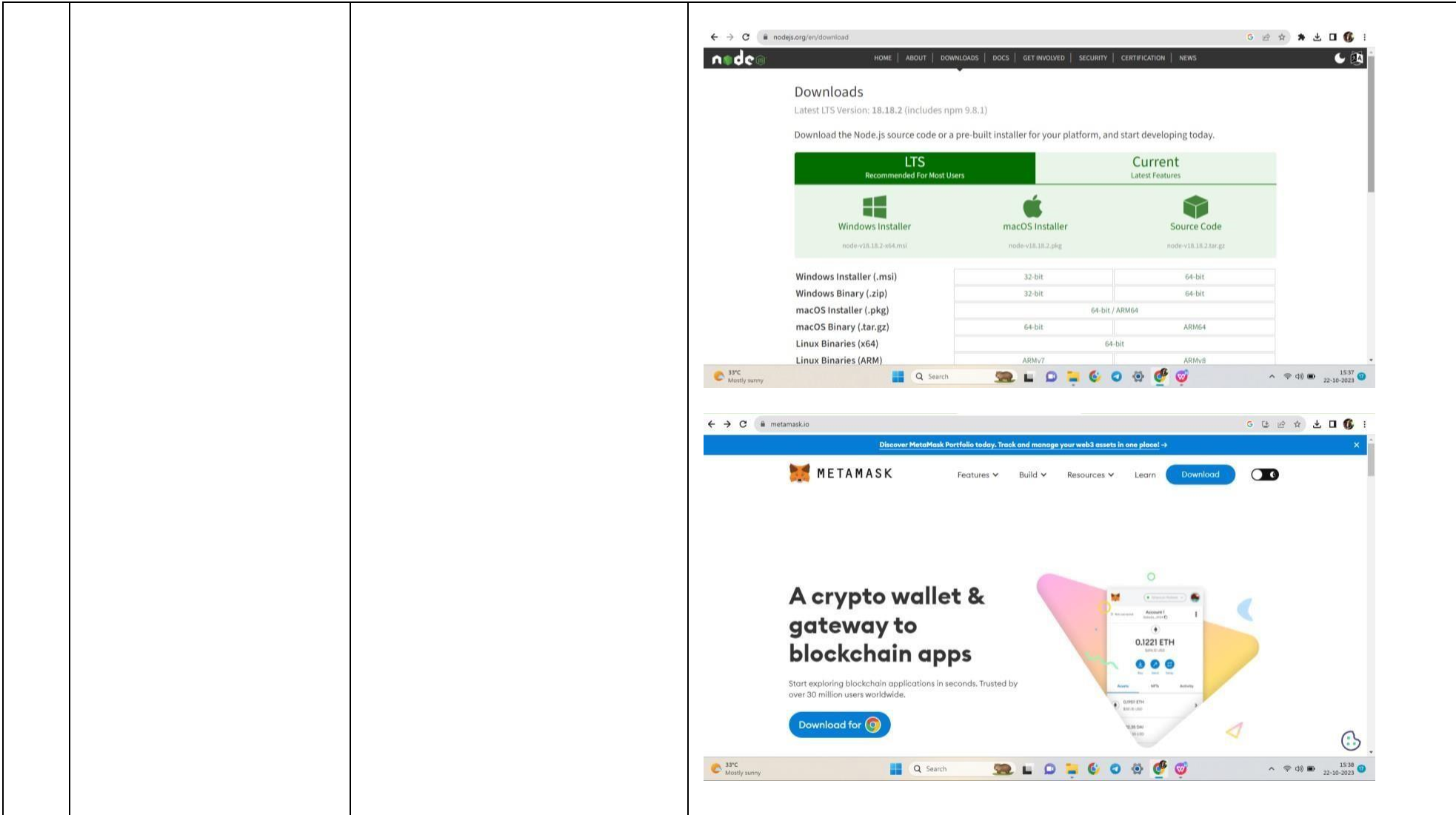
Date	28 OCTOBER 2023
Team ID	NM2023TMID05893
Project Name Project -	TRANSPARENT TOLL-FREE MANAGEMENT
Maximum Marks	10 Marks

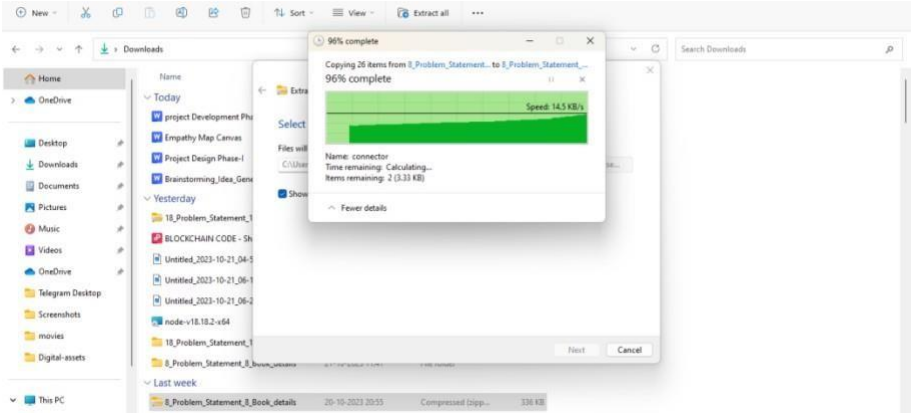
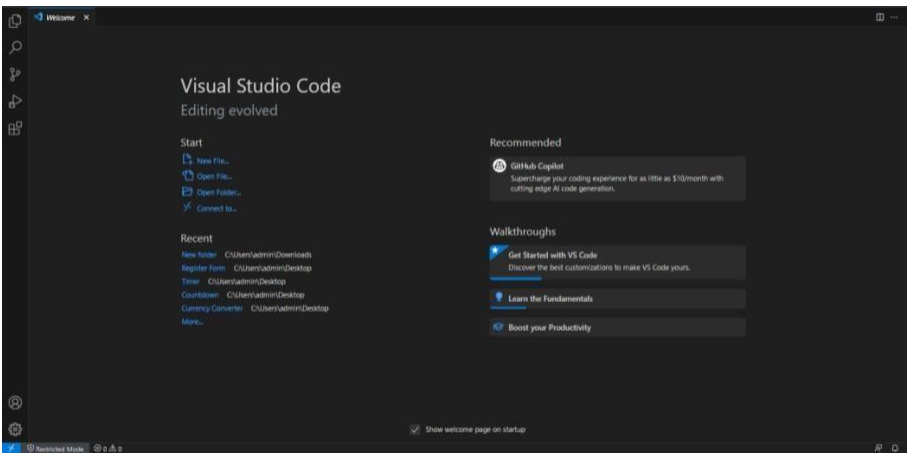
Model Performance Testing:

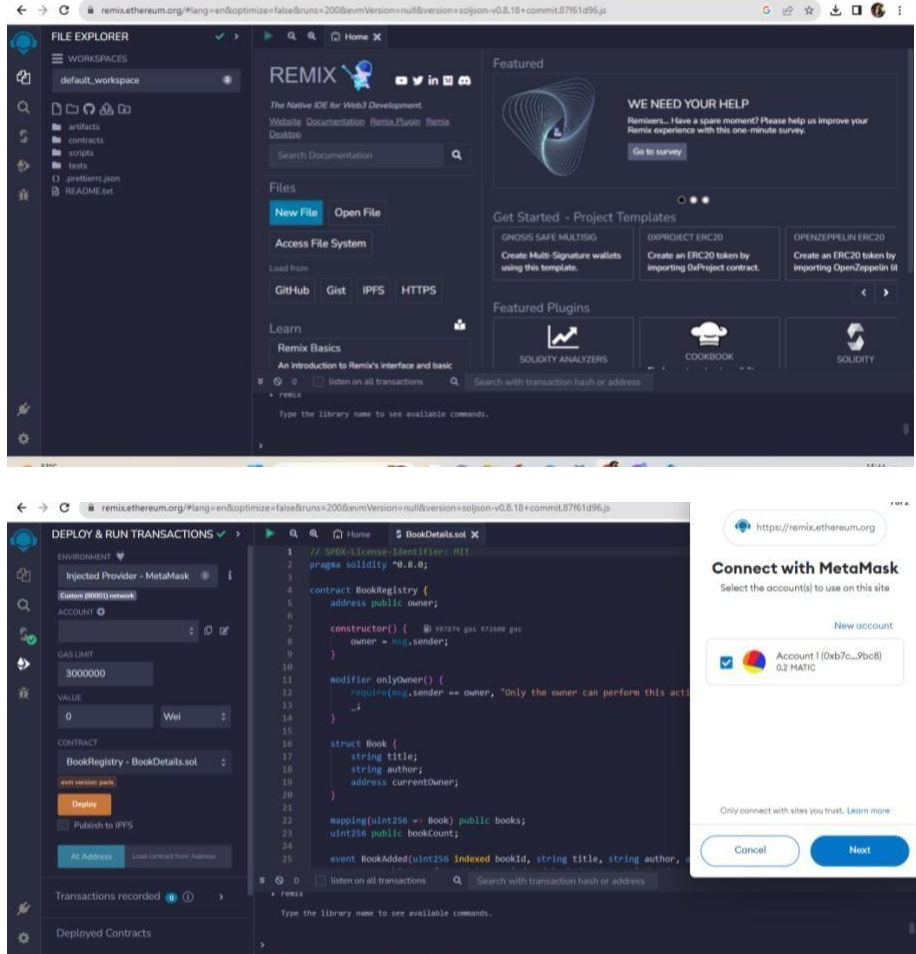
Project team shall fill the following information when working for blockchain.

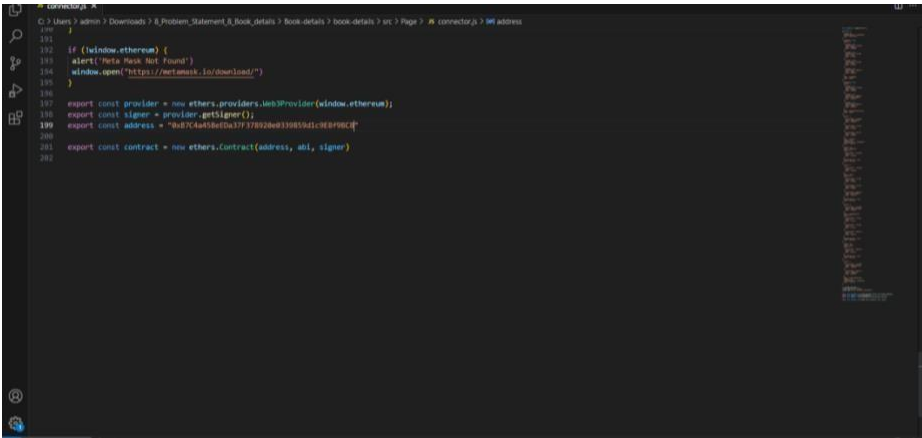
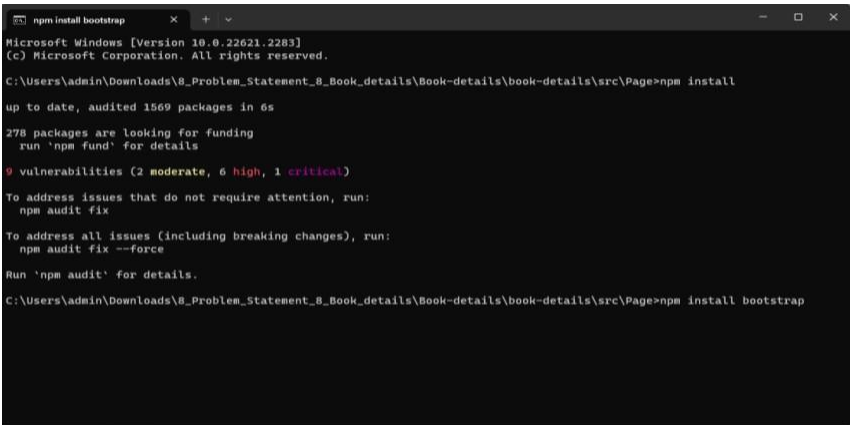
Sno	Parameter	Values	Screenshots
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1	Information gathering	Setup all the Prerequisite:	 The screenshot shows the Visual Studio Code download page in a web browser. The page title is "Download Visual Studio Code" with the subtitle "Free and built on open source. Integrated Git, debugging and extensions." Below the title, there are three main sections for different operating systems: Windows, Linux, and Mac. Each section has a download button and a list of available installers. The Windows section lists "User Installer", "System Installer", ".zip", and "CLI". The Linux section has two columns: one for ".deb" (Debian, Ubuntu) and one for ".rpm" (Red Hat, Fedora, SUSE), with sub-options like "x64", "ARM", and "ARM64". The Mac section lists ".zip" and "CLI" with sub-options like "Intel chip", "Apple silicon", and "Universal".
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2	Extract the zip files	Open to vs code	 
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3	Remix Ide platform exploring	<p>Deploy the smart contract code</p> <p>Deploy and run the transaction. By selecting the environment – inject the Meta Mask.</p>	 <p>The image shows two screenshots of the Remix IDE. The top screenshot displays the main interface with the 'FILE EXPLORER' on the left, the 'REMX' logo and documentation links in the center, and a 'Featured' section on the right. The bottom screenshot shows the 'DEPLOY & RUN TRANSACTIONS' panel on the left, the 'Main Editor' in the center displaying a Solidity smart contract, and a 'Connect with MetaMask' dialog on the right. The smart contract code is as follows:</p> <pre> 1 // SPDX-License-Identifier: MIT 2 pragma solidity ^0.8.0; 3 4 contract BookRegistry { 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 Book { 16 string title; 17 string author; 18 address currentOwner; 19 } 20 21 mapping(uint256 => Book) public books; 22 uint256 public bookCount; 23 24 event BookAdded(uint256 indexed bookId, string title, string author, 25 </pre>
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4	<p>Open file explorer</p>	<p>Open the extracted file and click on the folder.</p> <p>Open src, and search for utilities.</p> <p>Open cmd enter commands</p> <ol style="list-style-type: none"> 1.npm install 2. npm bootstrap 3. npm start 	 
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			<pre> run 'npm fund' for details 9 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: npm audit fix --force Run 'npm audit' for details. C:\Users\admin\Downloads\8_Problem_Statement_8_Book_details\Book-details\book-details\src\Pages>npm install bootstrap added 1 package, and audited 1569 packages in 13s 278 packages are looking for funding run 'npm fund' for details 9 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: npm audit fix --force Run 'npm audit' for details. C:\Users\admin\Downloads\8_Problem_Statement_8_Book_details\Book-details\book-details\src\Pages>npm start > book-details@0.1.0 start > react-scripts start </pre>
5	{LOCALHOST IP ADDRESS}	Copy the address and open it to chrome so you can see the front end of your project.	<p>Local: http://localhost:3000 On Your Network: http://192.168.56.1:3000</p> 