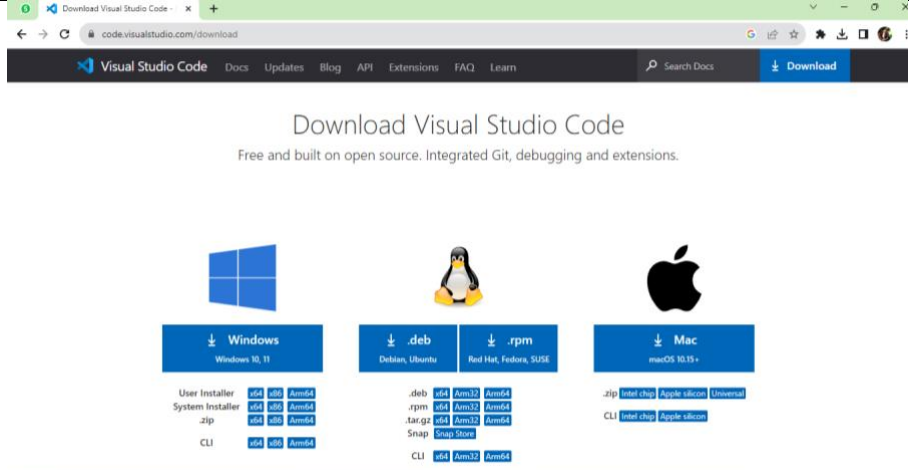


project Development Phase Model Performance Test

Date	25 OCTOBER 2023
Team ID	NM2023TMID03948
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
1	Information gathering	Setup all the Prerequisite:	

nodejs.org/en/download

node

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Downloads


Latest LTS Version: 18.18.2 (includes npm 9.8.1)


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LTS
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Current
Latest Features


Windows Installer
node-v18.18.2-x64.msi


macOS Installer
node-v18.18.2.pkg


Source Code
node-v18.18.2.tar.gz

Windows Installer (.msi)
Windows Binary (.zip)
macOS Installer (.pkg)
macOS Binary (.tar.gz)
Linux Binaries (x64)
Linux Binaries (ARM)

	32-bit	64-bit
	32-bit	64-bit
		64-bit / ARM64
	64-bit	ARM64
		64-bit
	ARMv7	ARMv8

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metamask.io

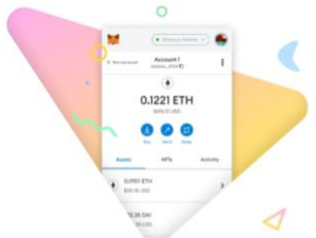
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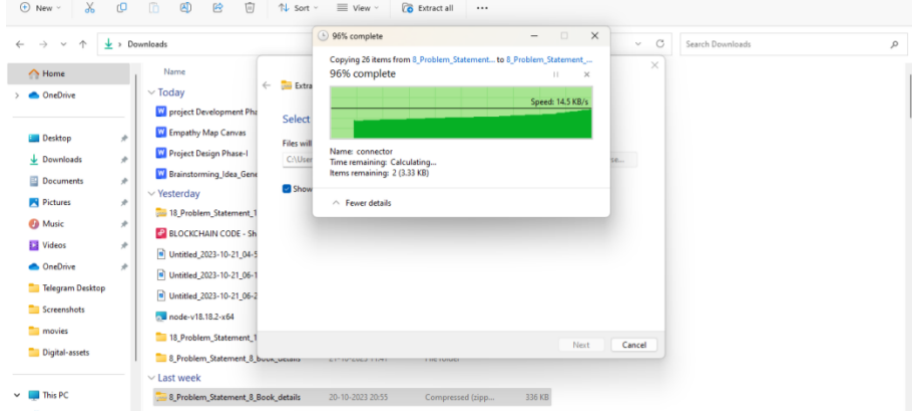
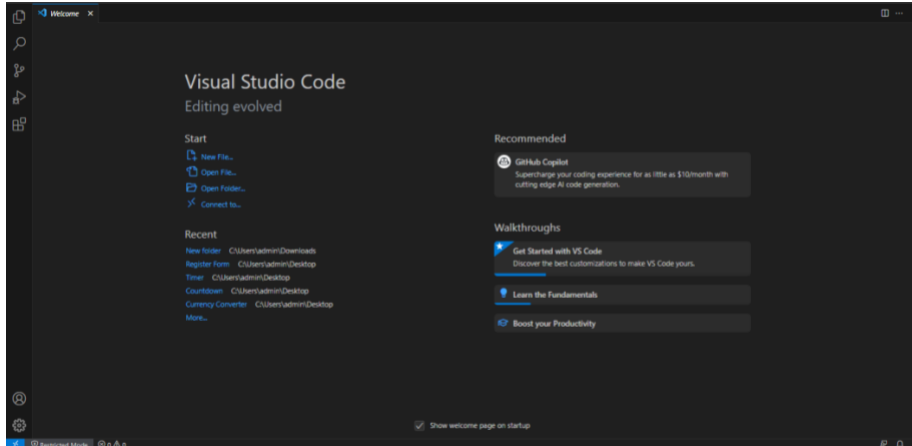
A crypto wallet & gateway to blockchain apps

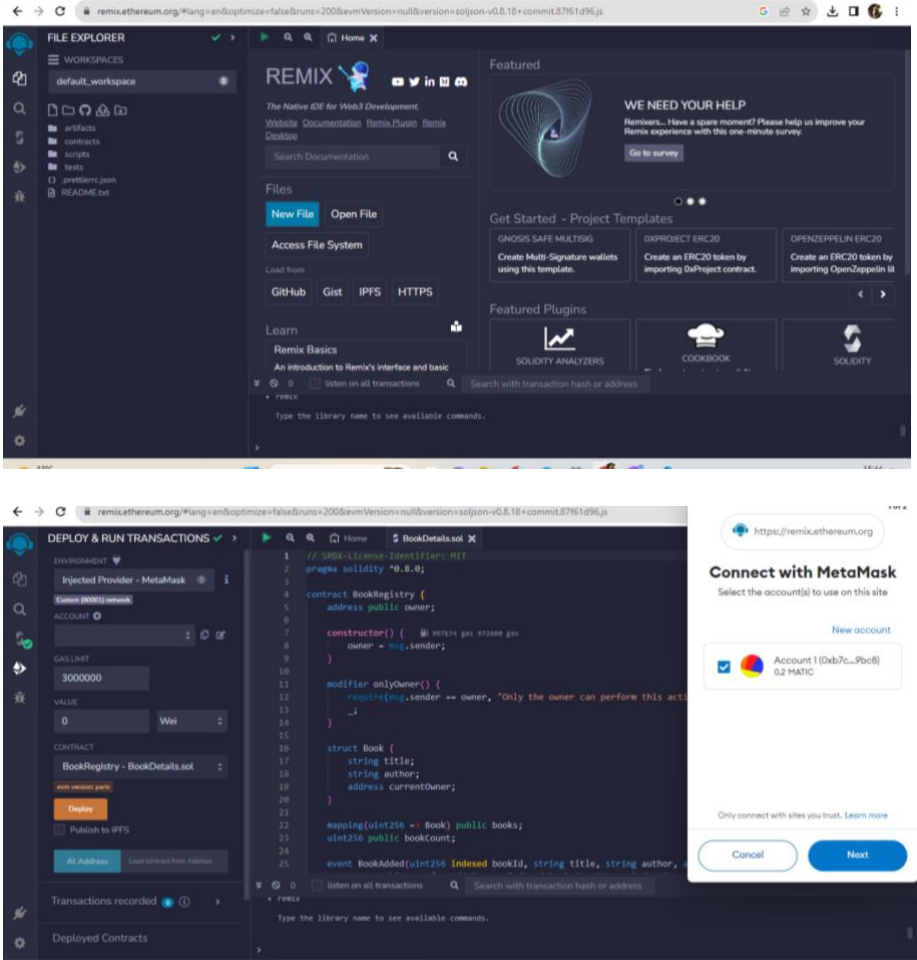
Start exploring blockchain applications in seconds. Trusted by over 30 million users worldwide.

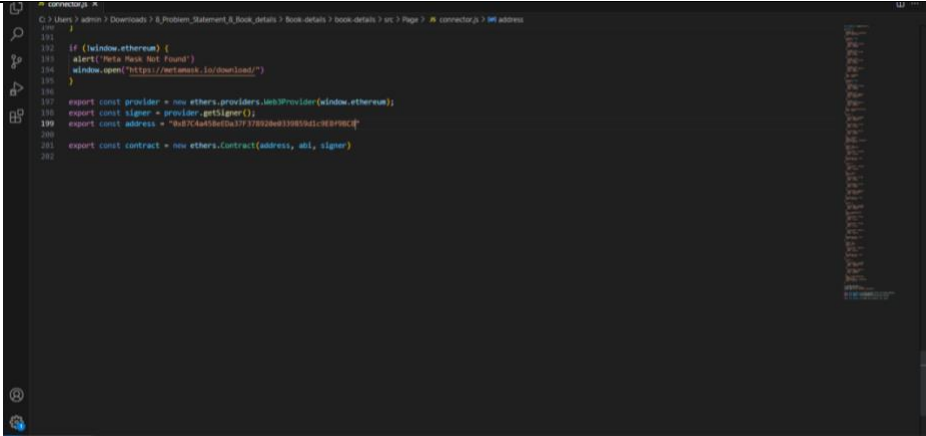
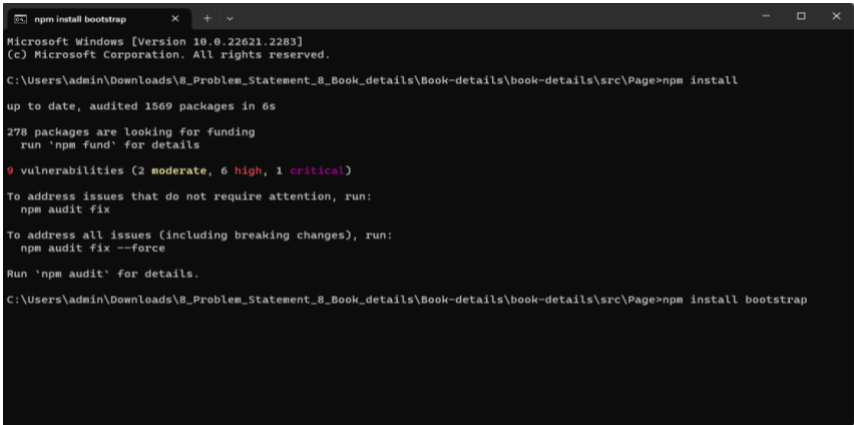
Download for

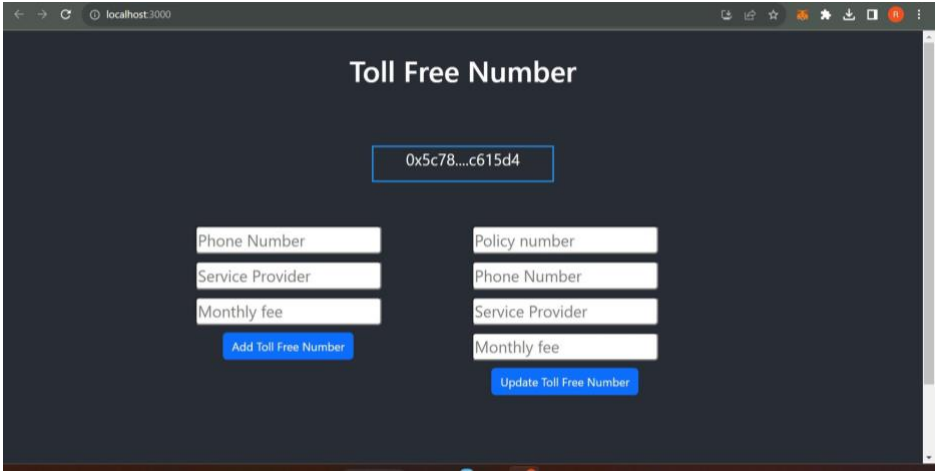


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2	Extract the zip files	Open to vs code	 
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3	Remix Ide platform exploring	<p>Deploy the smart contract code</p> <p>Deploy and run the transaction. By selecting the environment – inject the Meta Mask.</p>	 <p>The image shows two screenshots of the Remix IDE interface. The top screenshot displays the main workspace with the 'FILE EXPLORER' on the left, the 'Main Editor' 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, and a 'Connect with MetaMask' dialog on the right. The 'DEPLOY & RUN TRANSACTIONS' panel includes fields for 'ENVIRONMENT' (set to 'Injected Provider - MetaMask'), 'ACCOUNT' (set to 'Ethereum (MetaMask)'), 'GAS LIMIT' (set to '3000000'), 'VALUE' (set to '0 Wei'), and 'CONTRACT' (set to 'BookRegistry - BookDetails.sol'). The 'Main Editor' shows the Solidity code for the 'BookRegistry' contract. The 'Connect with MetaMask' dialog prompts the user to select an account to use on the site, showing 'Account 1 (0xb7c...9bc8)' with a balance of '0.2 MATIC'.</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 utilities.</p> <p>Open cmd enter commands</p> <ol style="list-style-type: none">1.npm install2.npm bootstrap3. npm start	 <pre>107 export const provider = new ethers.providers.Web3Provider(window.ethereum); 108 export const signer = provider.getSigner(); 109 export const address = "0x54a87b2fba37770226d433085d41c3684f0bc0"; 110 export const contract = new ethers.Contract(address, abi, signer);</pre>  <pre>Microsoft Windows [Version 10.0.22621.2283] (c) Microsoft Corporation. All rights reserved. C:\Users\admin\Downloads\8_Problem_Statement_8_Book_details\Book-details\book-details\src\Page>npm install up to date, audited 1569 packages in 6s 278 packages are looking for funding run 'npm fund' for details 0 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\Page>npm install bootstrap</pre>
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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\>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\>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> 

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