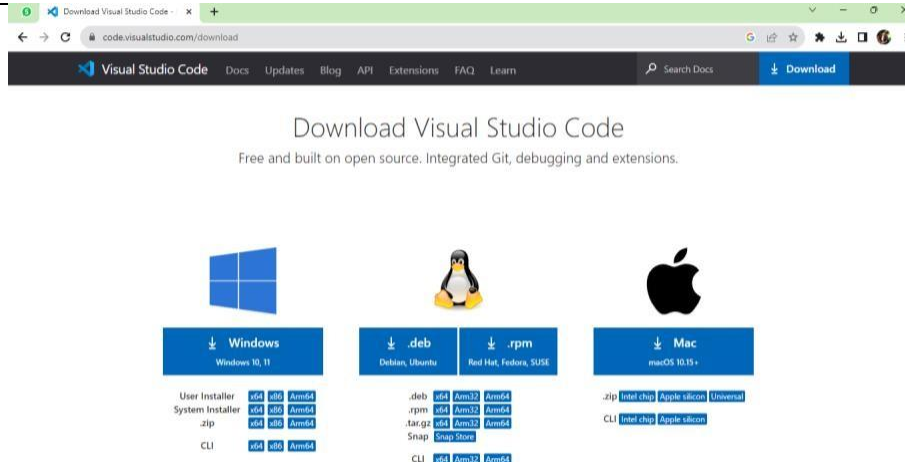


project Development Phase Model Performance Test

Date	28 OCTOBER 2023
Team ID	NM2023TMID05880
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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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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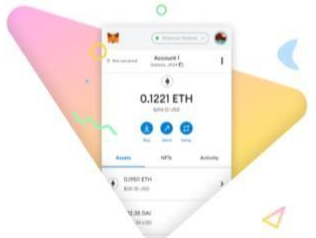
METAMASK

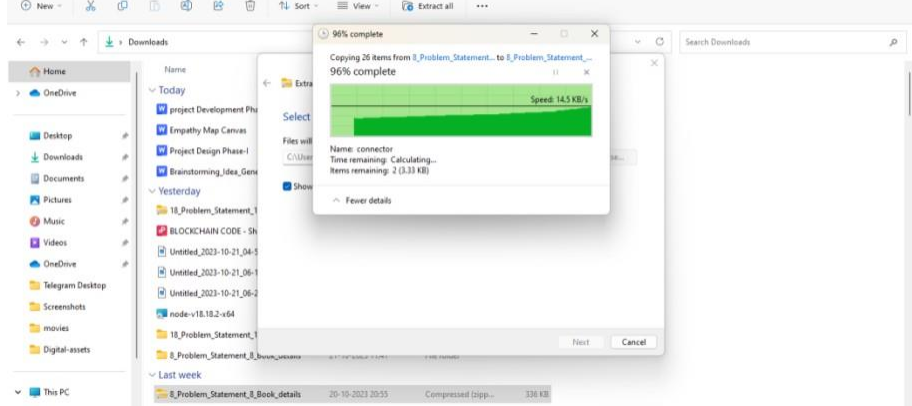
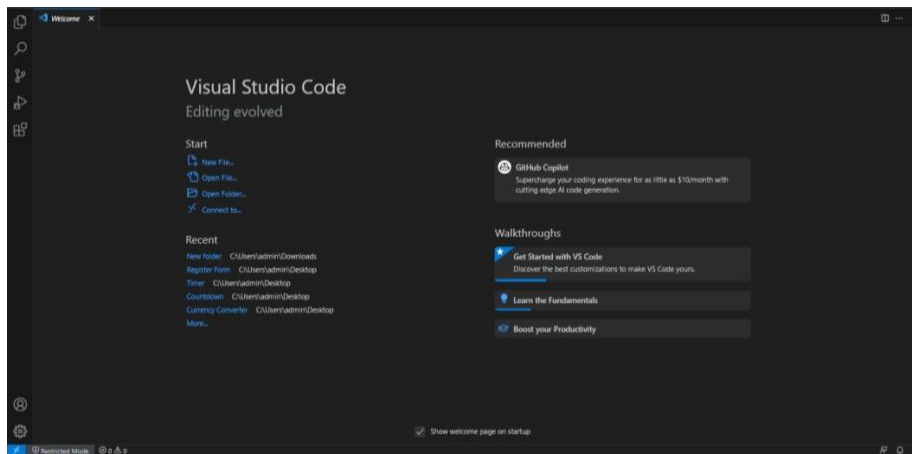
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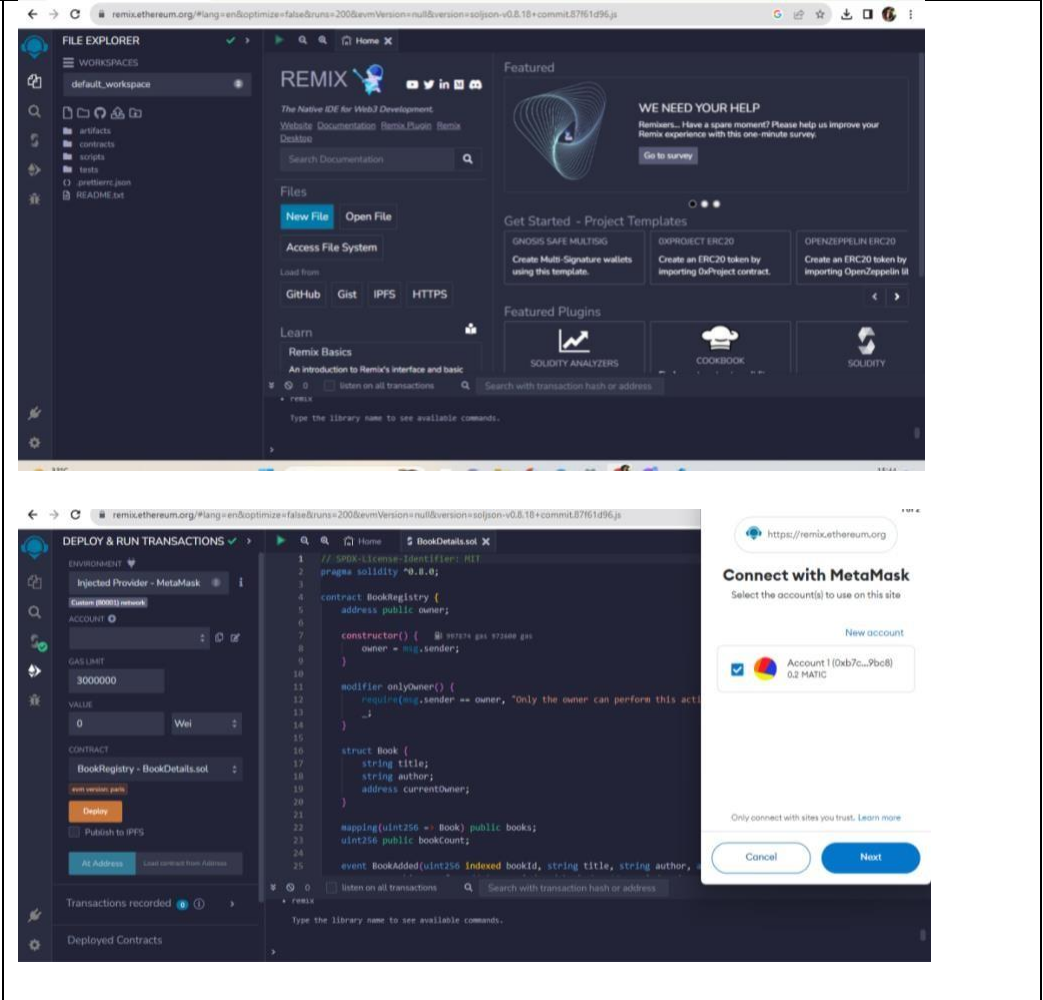
A crypto wallet & gateway to blockchain apps

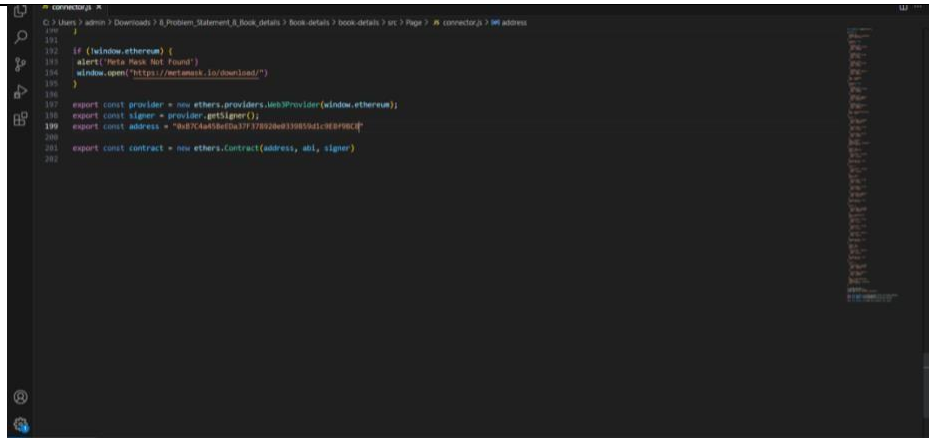
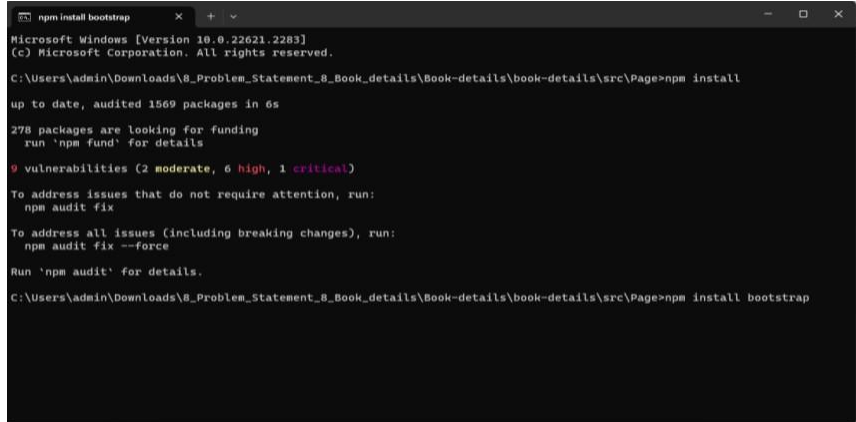
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2	Extract the zip files	Open to vs code	 
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3	Remix Ide platform exploring	<p>Deploy the smart contract code</p> <p>Deploy and run the transaction. By selecting the environment – inject the Meta Mask.</p>	 <p>The top screenshot shows the Remix IDE dashboard. The left sidebar contains a 'FILE EXPLORER' with a 'default_workspace' and a file tree showing 'artifacts', 'contracts', 'scripts', 'tests', 'prettierrc.json', and 'README.txt'. The main area displays the 'REMIX' logo and a 'Featured' section with a survey. Below this are 'Get Started - Project Templates' for Gnosis Safe Multisig, OpenZeppelin ERC20, and OpenZeppelin ERC721. The 'Featured Plugins' section includes Solcify Analyzers, Cookbook, and Solidity. The bottom section is 'Learn' with a 'Remix Basics' link and a search bar for transaction hashes or addresses.</p> <p>The bottom screenshot shows the 'DEPLOY & RUN TRANSACTIONS' panel. The 'ENVIRONMENT' dropdown is set to 'Injected Provider - MetaMask'. The 'ACCOUNT' dropdown shows 'Custom (MetaMask) account'. The 'GAS LIMIT' is set to 3000000 and the 'VALUE' is 0 Wei. The 'CONTRACT' dropdown is set to 'BookRegistry - BookDetails.sol'. The 'Deploy' button is highlighted. The 'At Address' button is also visible. The 'Transactions recorded' section shows 0 transactions. The 'Deployed Contracts' section is empty. On the right, a MetaMask connection dialog is open, showing the URL 'https://remix.ethereum.org' and a 'Connect with MetaMask' button. Below this, it says 'Select the account(s) to use on this site' and shows a 'New account' button. A list of accounts is shown, including 'Account 1 (0xb7c...9bc8)' with 0.2 MATIC. The 'Next' button is highlighted.</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>100 import { ethers } from 'ethers'; 101 import web3 from 'web3'; 102 import axios from 'axios'; 103 104 if (!window.ethereum) { 105 alert('Meta Mask Not Found!'); 106 window.open('https://metamask.io/download/'); 107 } 108 109 export const provider = new ethers.providers.Web3Provider(window.ethereum); 110 export const signer = provider.getSigner(); 111 export const address = "0x57c4a6b0a31777822ba03398504c3c84f90c4"; 112 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\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> 