**Required Technologies**

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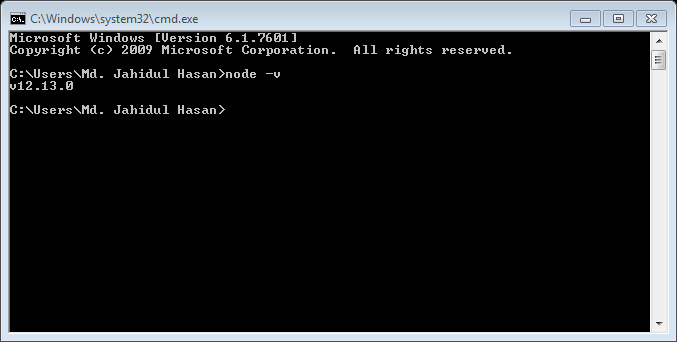
* Install Node.js (More details: https://nodejs.org/en/)
* Install npm (More details: https://www.npmjs.com/get-npm)
* Install Ganache (More details: https://www.trufflesuite.com/ganache)
* Install Truffle (More details: https://www.trufflesuite.com/truffle)
* Install React Bootstrap Bootstrap (More details: https://react-bootstrap.github.io/getting-started/introduction)
* Install express js npm module (More details: https://expressjs.com/en/starter/installing.html)
* Install Ether Wallet “ MetaMask ” extension in your browser
* Use any kind of code editor to wright the smart contacts, in this project we used

“Vs Code Editor”

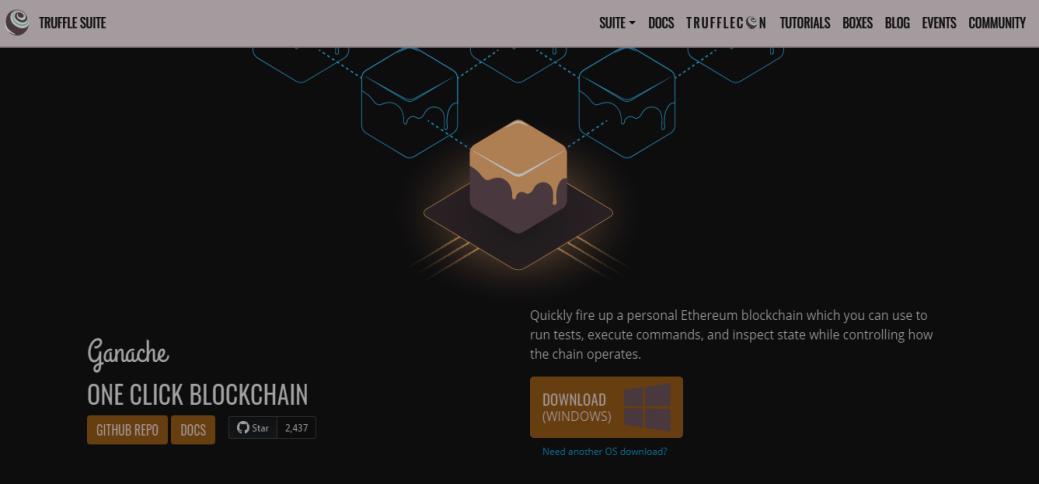
**Implementation**

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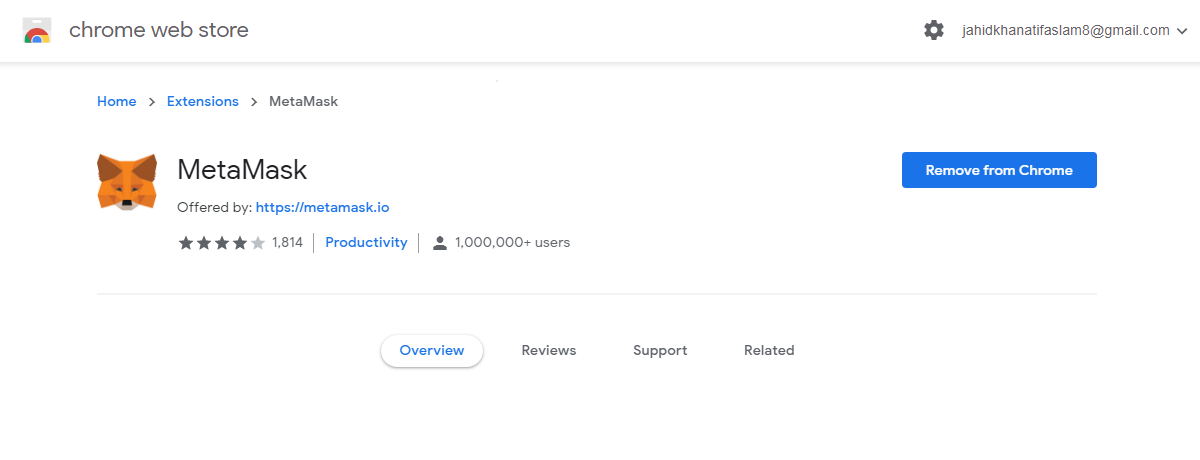
In order for our FIR process to work, such as Node js, Ganache, Metamask, we first downloaded the version of Node js from our browser according to our laptop or computer. And to check if the node js software is installed, we started cmd and typed there node -v and after giving it, if the software version shows, we understand that the node js software install process is complete.



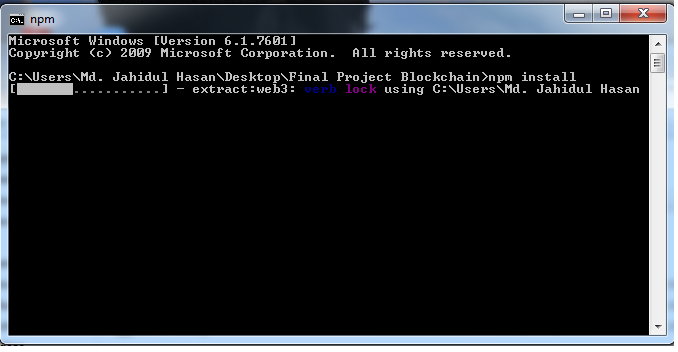
Then we have to download the software called Ganache. That's why we first have to enter a website from google, the name of the website is trufflesuite.com then, there will be an option called suite. From there you have to click on the text Ganache and there will be an option to download Ganache software & we downloaded from there and then it has been installed.



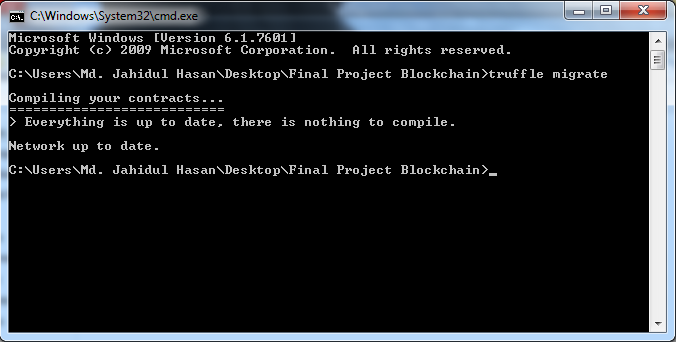
Then we add this software called Metamask to the extension. In the process of doing this, first we go to the web store from the browser and search for Metamask from the search option there and we add it to that browser.

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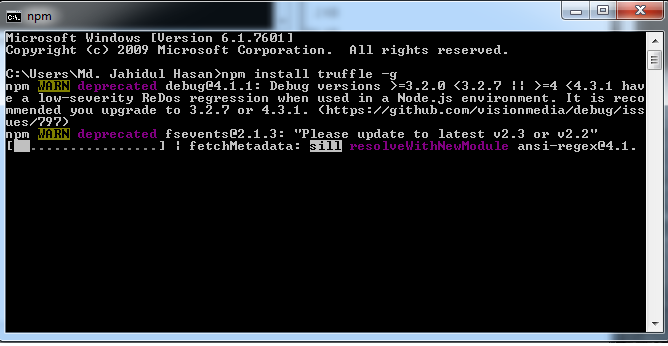
After completing the above process We went to cmd from our project folder There we install npm.



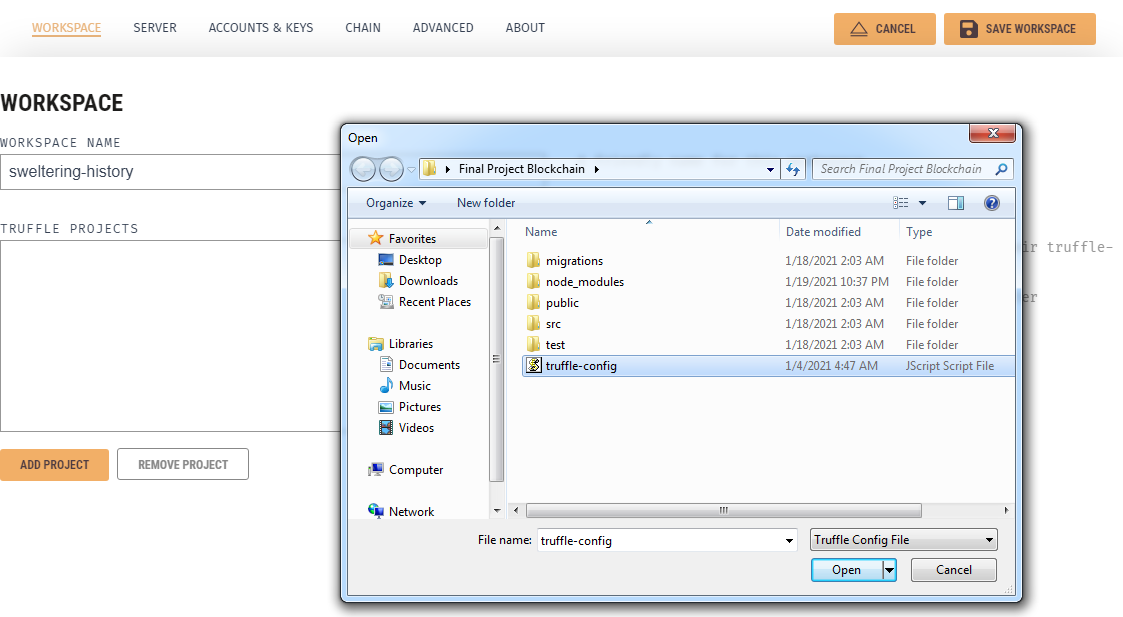
Then to compile the project, go to the cmd from the project folder and type truffle migrate and press enter.

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After the above process, go to cmd and install truffle

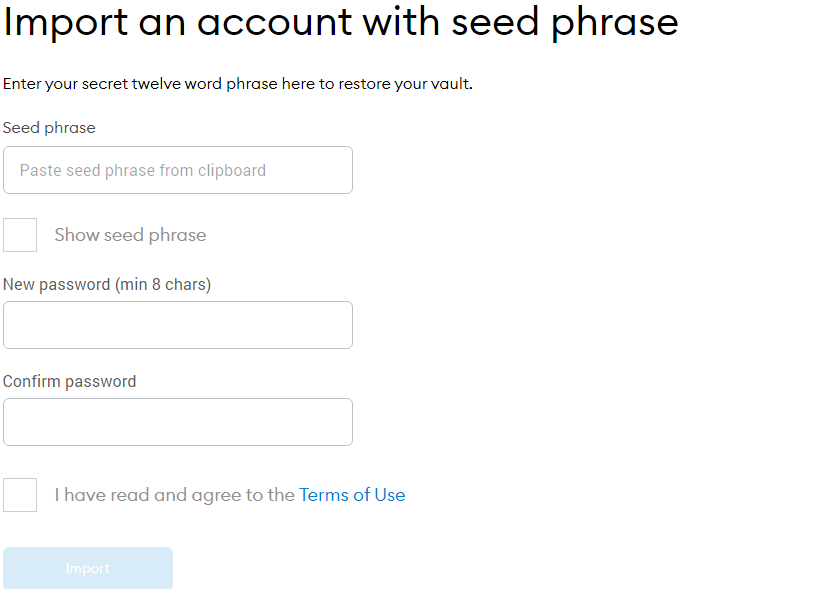


After installing everything we opened Ganache software and from there clicked on new workspace etherum and added worksspace name & project to that page and clicked save workspace.

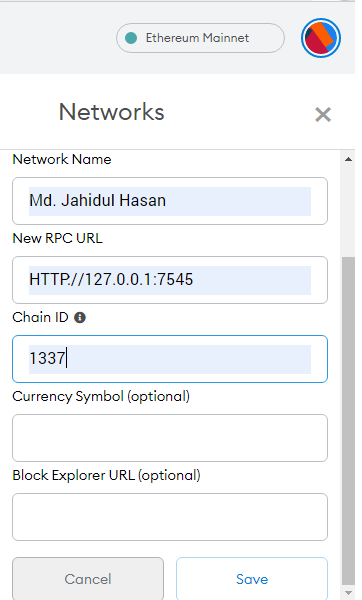
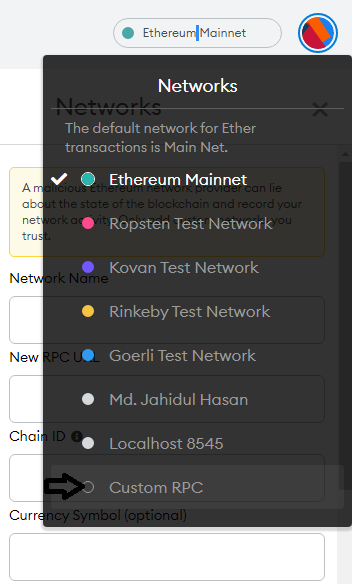


After adding metamask software from the browser, there are some steps to follow. After adding to the browser, the get started option will come and then you have to go to the import wallet option and agree on some policy.

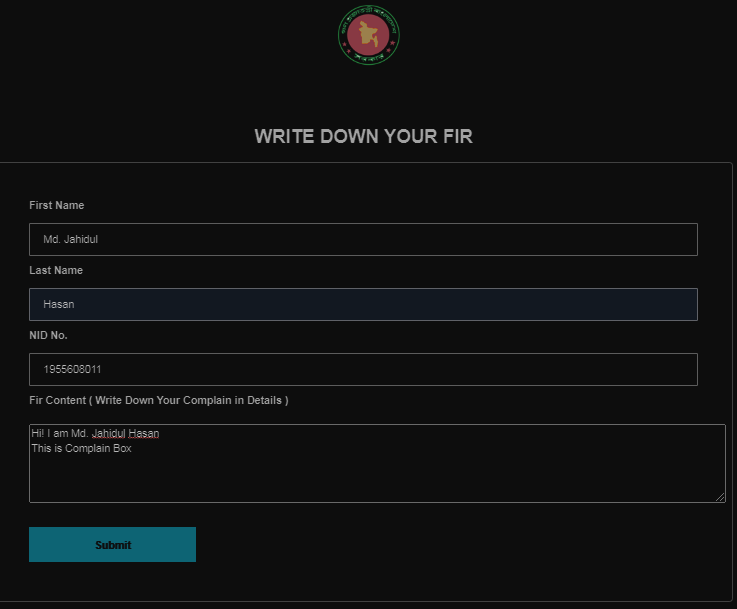
Then a page will show where in the first box from the account option of Ganache software "oblige one equip tuna detect habit warrior indicate walnut equal forward arrow" this text should be copied and pasted in that box and the password should be given below then import it and You have to start press

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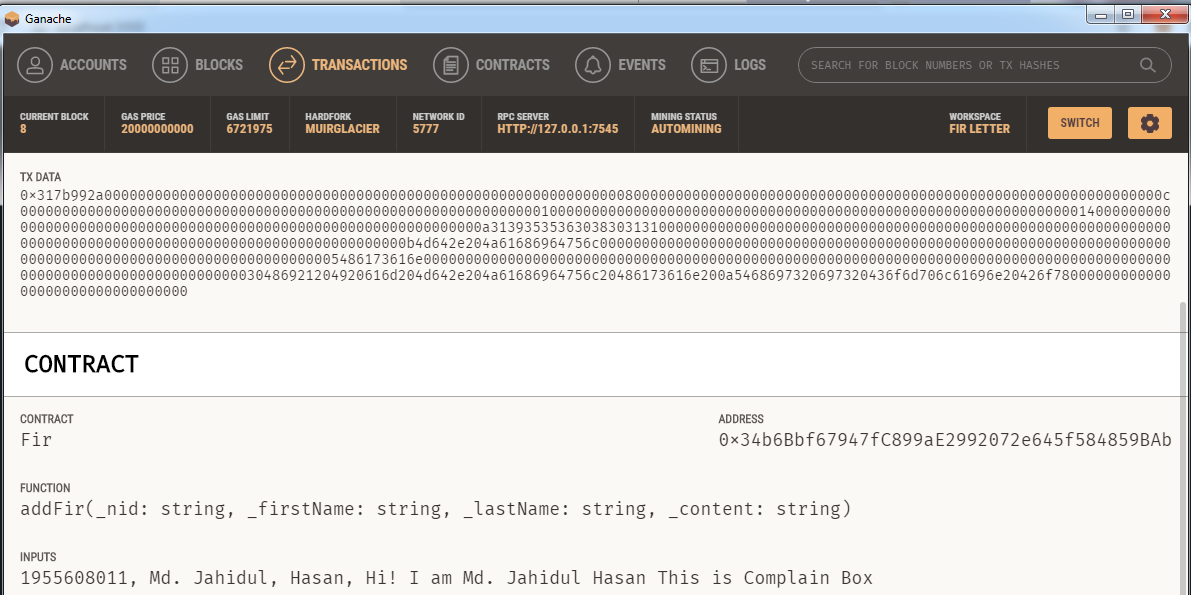
From browser we need to win in metamask, from there go to custom RPC and there network name, new RPC url (Ganache software's RPC server option to copy and paste here) then save with chain id

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Then you have to start npm from cmd and show a user interface in the browser where First Name, Last Name, NId No, Complain box will be there. And will be submitted.

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To verify that the FIR has been completed, open Ganache software, go to the transaction option and click on the smart call option of the first FIR and see the details of the complainant's FIR there as soon as you see it completed.

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