***Progress Report 3***

4th week as Junior Developer intern at InnovFin.

This week, during the weekly meeting with Othalia, we came up with a bunch of tasks to get done. The workload is increasing, and it would be a good idea for me to try and finish these tasks as soon as possible. I started with developing my metamask digital wallet. Metamask is an extension for browsers like Google Chrome, Firefox. This extension helps communication with Ethereum Blockchain. And thus metamask is like digital wallet that stores your ether safely. We need metamask digital wallet for the website and for testing implementations I had to make my own digital wallet.

There were a few questions given on Hyperledger fabric to think about for the benefit of the website, and to improve the UX while having hardcoding efficient. Then I am also supposed to look at GitHub to find sample code for smart contracts and chain code which are the base of Ethereum and Hyperledger Fabric respectively. I also have to look for tools that can be used for building platforms Ethereum and Hyperledger Fabric.

I am also watching tutorials on IBM Hyperledger about Hyperledger Fabric coding to assist me in learning and developing the website on blockchain.

Along with that, I have to write a code (off-blockchain) for displaying the pdf version of the certificate that users can request, and the admins can issue it to the students/users when they finish the course. I am planning to use JavaScript for this task. The deadline is next week Tuesday, 9th February 2021. That means, I will be spending my entire 8 hours next week on this task.

The tasks have increased a lot, and I have to increase my pace.