Personal Report on the lecturer-monitor project by group Aratech

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JUNE 29, 2020

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INDEX NO: **9346517**

Programme: COMPUTER ENG.

COURSE: COE 356 (Software Eng.)

My Role as the Frontend Team Leader.

On our first meeting, we decided to divide the whole group into sub-groups of three; the Frontend Team - which was responsible for the development of the client side of the lecturer-monitor website, the Backend team – which was responsible for the server-side of the project, and the mobile team responsible for the lecturer-monitor mobile app.

As the **Frontend team leader**, I was supposed to make sure the client-side of the project is properly design with a very nice UI. My team and I with the help of the Deputy PM designed the frontend of the web app with a very nice UI. This is the link to the website (https://lecture-monitor.netlify.app). We had sub group meetings to decide the colors and the designs to use. I assigned task to the team members, myself and the Deputy PM since he was supposed to help all the various sub teams.

Coding Contributions.

Also, as part of the frontend developers of the group:

- I set up the general application styling and created the navigation bar

- I was part of the team that created the landing page.
- I contributed to the creation of the student sign up and sign in pages.
- I also contributed to the creation of the lecturer sign up and sign in pages.
- I contributed to creation of the student edit profile page and student profile page.
- I contributed to the creation of the lecturer profile page and edit lecturer profile page.
- I designed the favicon.

Requirement engineering role played.

As a team member of the group, I was part of the group that went to KNUSTFORD University to distribute questionnaires to the student. This was to gather data for the requirement engineering process

Challenges and progress since we left campus.

Since we left school for house, sincerely, there has been quite some number of problems with development of the project these days. I was not really good with the tools, and technology we were using in our project development. I will say I am quite good at programming but was not really familiar with React, the JavaScript library we were using in the frontend development of the lecturer-monitor

project. So I was in the process of familiarizing myself with it and at the same time, trying to contribute to the project.

In the process of learning, in case I encounter any problems, our deputy project manager was the one who helped me through. It has been difficult getting that help these days, since we were in the house. I also had problems with my internet connections since getting fund for data bundles wasn't that very easy. Despite all these challenges, I have been able to work as hard as I can to contribute to the project as I found different and more efficient ways of familiarizing myself with react i.e. using an app called team viewer to get help from my deputy PM, and taking online courses (from udemy).

Also meeting as a team was very difficult these days since we left campus. Although we manage to do some discussions on the WhatsApp platform and zoom but it is not as effective as we were on campus.

As we were on campus, I missed some meetings because I was not feeling well. Since we left school, this sickness (typhoid) persisted and even contributing to the project became very challenging. Despite this sickness, I still managed to contribute to the project.