

# A REPORT ABOUT MYSELF, FRANCIS GYIMAH - 9343117 GROUP ARATECH

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## Introduction

This is a report that details about the role I played in Group Aratech during the building of our software engineering project Lecture Monitor

## About Lecture Monitor

Lecture Monitor is a monitoring system that allows students to monitor their class as well as even personal timetables.

Students are able to set up personal time tables which are tracked by the system to help them keep to it. Lecturers are also able to easily follow class timetables related to courses they teach.

## Role I played During the Project

I served as the lead developer and deputy project manager throughout the building of the project. The team was divided into sub teams of 3 people, mainly the mobile team, the frontend team and the backend team. I was a part of every other team to ensure we are able to work to build this project.

I contributed to the code in every aspect from the backend, the frontend and the mobile. I also helped other members of the group during challenges they faced in the coding of the project.

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I mostly led all our meeting sessions we had whiles in school, which was the wednesday of every week, from 10pm to the next morning.

I assisted the Project Manager by helping design a timeline schedule for the project and making sure everybody at least tried to follow the timeline but wasn't very successful at that again after we came home due to mainly network issues.

I also ensured the project is hosted live by deploying to both heroku and netlify for the backend and frontend respectfully. Created an account on mongodb atlas to host the production version of the database, created clouinary to allow us to host our static assets like images, etc and sendgrid which enabled us to send transactional emails inside the application for verifying a user's email, sending password resets and others.