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**16 February 2020**

After the group was reformed, we agreed that we starting the system from scratch therefore I decided to do my research on what technologies, frameworks and programming language I can propose to the next group meeting.

**23 February 2020**

After our meeting on 22 February 2020, the group assigned me to be specifically in back-end development using all the technologies and language I proposed (JAVA, Spring Boot, Spring Security, JDK, eclipse IDE and more). I decided to not waste time but start with system development where I was going through system functionality and start to design APIs for our system.

**28 February 2020**

After we arranged the group meeting to prepare our first evaluation, I decided to finish up to code login page and CRUD operations. Also that same day I sent the updated system to my team member Thapelo to do 3-tier architecture.

**14 March 2020**

During group meeting I continue coding new functionality and modifying the system accordingly while we discuss and provide new ideas at the very same time. Group members were helping me as we all have programming skills and I was also helping them back in their tasks like database design and front-end development.

**30 March – 11 June 2020**

Lockdown period. I did not stop improving our system’s functionalities and security by learning new technologies online (YouTube, Spring Boot documentations and more). I was also communicating with the group for new functionalities and ideas.

**10 June 2020**

After our 1st physical meeting after lockdown I was instructed to do validations and exception handling. I also added the SSL certificate (Self-Signed) to protect system data during communication.

**04 October 2020**

 I solved some of the errors in our system after the testing meeting.

**25 October 2020**

I was documenting all Information about security.

**13 November 2020**

During the group meeting I created my personal profile and update the ERD with the group.

**23 November 2020**

I met with group members to complete a group profile.

**24 November 2020**

I met with group members to print all documents for our final presentation.