

Sri Lanka Institute of Information Technology

Programming Applications and Frameworks (IT3030)

Continuous Assignment – 2023, Semester 2

Initial Document

GROUP ID: <164>



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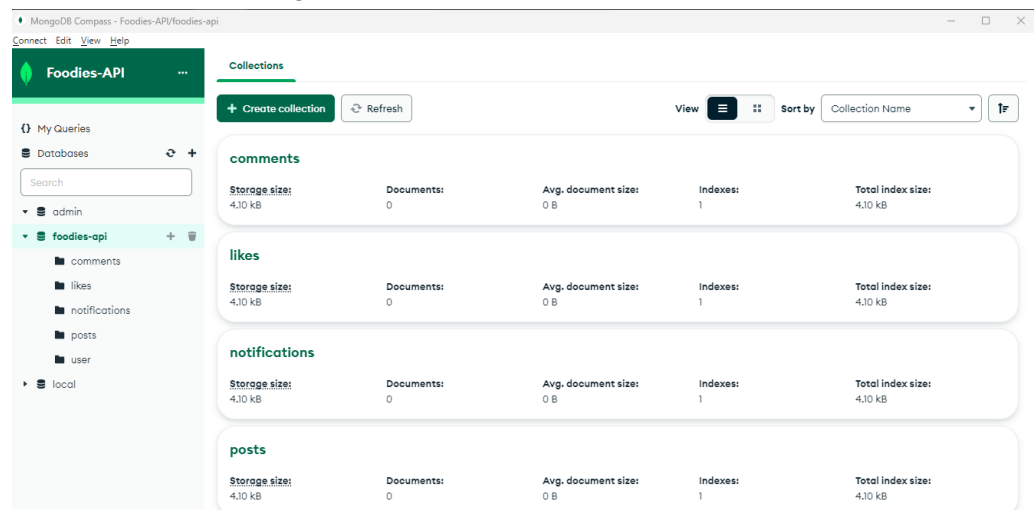
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Member 1 (IT20658854)

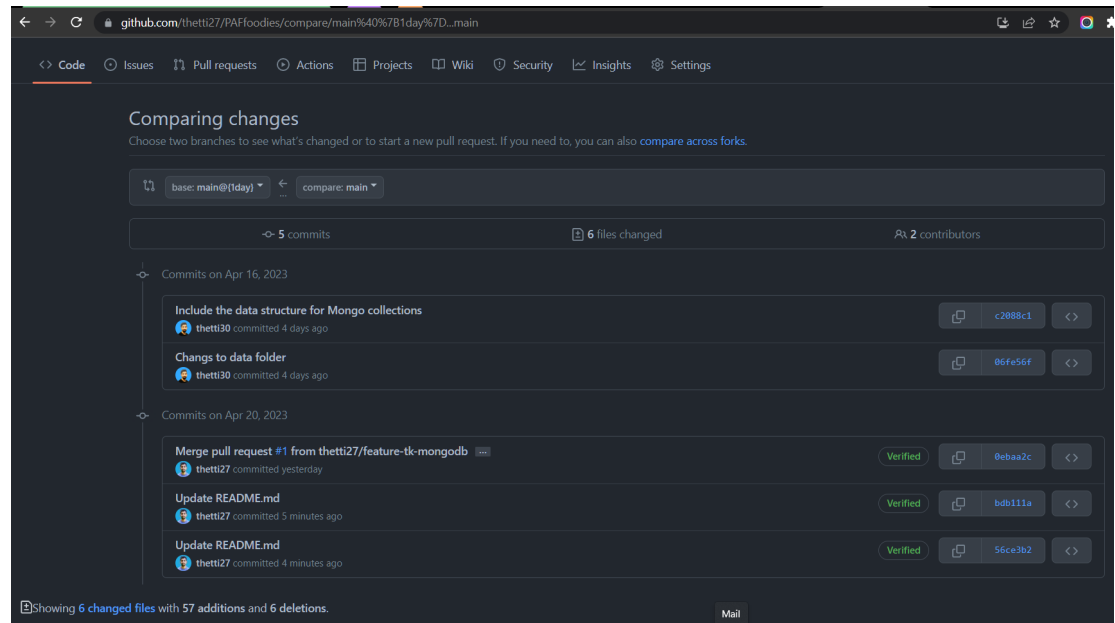
- 1.what they plan to do for the two weeks.
- 2.How much they have completed of the planned work
- 3.if they couldn't complete the planned amount of work, Reason for that
- 4.Any difficulties, Challenges they faced ,and solution found for these.
- 5.what they planed to do for the two weeks.

Member 2 (IT19975696)

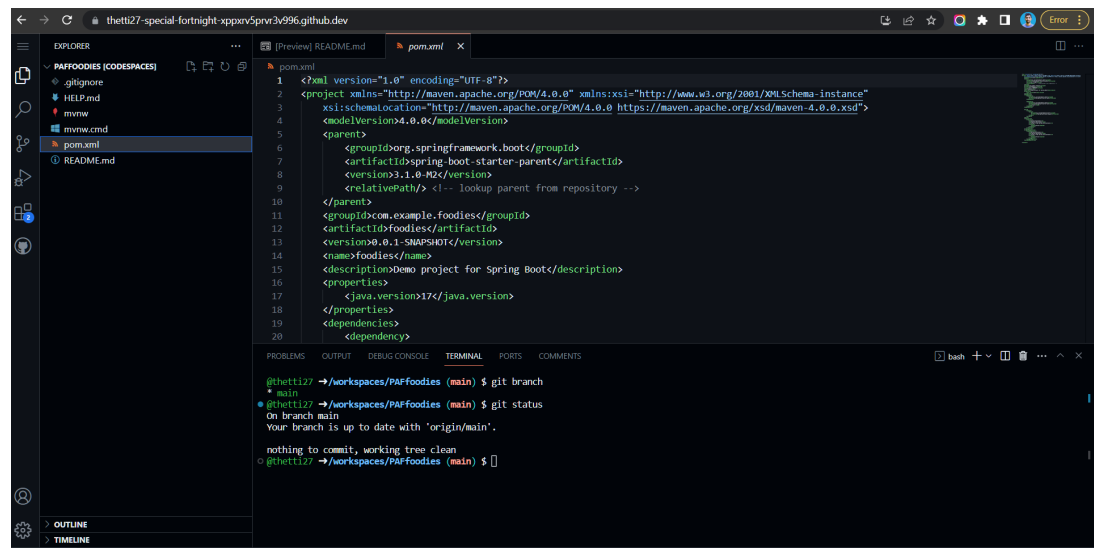
1. What they plan to do for the two weeks.
 - Complete the implementation of CRUD functionalities for my component which is the comments section of the interfaces.
2. How much they have completed of the planned work
 - Implemented the MongoDB Atlas Setup and created the database structure.



- Included any changes that were done to the codebase



- Setup a codespace directly in Github for all team members to use



3. If they couldn't complete the planned amount of work, Reason for that

- I was watching lessons to create the OAuth but was not able to start on the implementation of it as I was focussing on adding the necessary changes to the codebase for the database.

4. Any difficulties, Challenges they faced ,and solutions found for them.

- The main difficulty was the implementation of the OAuth in order to have a working starting point for the web application.

5. What they planned to do for the two weeks.

- The plan is to work mainly on creating the first interface for the common authentication and then implementing the user posts and comments functionalities.

Member 3 (IT19202464)

1.what they plan to do for the two weeks.

- Completed the project environment.
- Create front end UI
- Started the backend implementation of user profile

2.How much they have completed of the planned work

- Start to code the backend
- Completed UI part of

3.if they couldn't complete the planned amount of work, Reason for that

- Because of the new year holiday and campus assignment, missed some module activities.
- There were some errors occurred in the code, there for I had to spent much time on that.

4.Any difficulties, Challenges they faced ,and solution found for these.

- Problem: There were some errors occurred in the code, therefore I had to spent much time on that

- Solution: By using stack overflow and chatgpt I tried to solve the issue, and got one of my friend's support to fulfil the task

5.what they planed to do for the two weeks.

- Finish the overall project and integrate the project.

Member 4 (IT20616410)

- What we planned to do for the two weeks:

Over the past two weeks, our development will start through the requirements. Create a database, create front end, create backend and also we planned how to connect each other. We highly study and use the Github platform and use it.and also we gather the attributes, functions and variables. And also we decide front end appearance.

- Accomplished Work:

- I. We filtered clearly the user's requirements and created a strong database and handled the database well.
- II. We designed the front end and gave it a good appearance.
- III. We create suitable functions and variables to develop backend

- If they couldn't complete the planned amount of work, reasons for that.

We were able to complete all of the planned work.

- · Difficulties, challenges we faced, and solutions found for these.

The most significant challenge we faced during this period is striking a balance between the technical implementation of user needs and their user requirements' balance with technical feasibility. We need to give more attention to the creation of functions and variables to them. This necessitates careful consideration of user wants and preferences, as well as the platform's and technology's limits. And also we need to give more attention to databases and data gathering and pass with the front end.

- · Anything else important related to their part of the assignment

Overall, we completely created a database and frontend UI/UX designs. We get meetings and discuss our improvement and weaknesses. And we discuss the solutions for user requirements and complete tasks well. .