**Final Meeting**

**Date : 06/12/2024**

**Attendance : All Team Members were Present**

In Our Recent Meeting we basically overall discussed the progress of the courseworks tasks for Applied Software Engineering and we basically reviewed each team member's contributions and what type of challenges they had faced.

Here is what we Discussed :

**Task 2 : Analysis and Specification of Software Quality Requirements**

Each Group Member successfully was able to analyse and specify the software for their specific subsystems . For example, mine was a CloudTables-Customer which I was able to analyse the security and privacy protection , performance , reliability and scalability in an effective manner. The Documents produced were all very detailed and set with the requirements .

**Task 3: Specification and Modelling Software Functional Requirements**

Each Team Member successfully created a use case diagram for their subsystem . These diagrams accurately basically highlighted the scope of our software subsystems and they were analysed for clarity. I did this task with ease for my CloudTables-Customer Sub-System .

For the Second Task of Task 3 , we had selected a use case from our subsystems and we had developed an activity diagram to highlight what the user interactions are. All of the Diagrams were clear and showed clarity and displayed the workflows efficiently.These Tasks were done without encountering any problems whatsoever and they were completed successfully.

Task 4A : Software Architectural Design

Esch Team Member designed the Architecture for their subsystem in a microservices style specifying the microservices which were delivered and requested along with their interfaces. I had done this task very successfully and was able to offer advice to my group members and as well assist with any questions they had regarding the task. We also discussed the problems they were facing and were able to assist them .

For Task 4B , this was a team effort and integrating the subsystems in a cohesive was challenging for some group members and did encounter some problems , so we did hold a call in to particularly understand and ensure the interactions between ours subsystems were well-defined and we were able to merge our subsystems which fixed our concerns and it was merged in a clear and coherent manner.

**Task 5 Software Detailed Design**

**Structural Model :**

Each Team Member had developed a class diagram for a specific component in their subsystem . All of our Group has successfully developed without encountering any problems whatsoever . The Class Diagram included relationships , methods ,classes , attributes .

* **Behaviour Model:**

Each Team Member had developed the sequence diagram which produced dynamic behaviours and interactions within the components of their specific subsystem . All of the Sequence Diagrams were consistent and were linked to the structural models and highlighted the scenarios of the operations. These were done successfully without encountering any problems whatsoever .

**Reflection**

The Group had displayed strong collaborations and adaptability and great problem-solving skills through the tasks of the projects . While Task 4(b) had presented some issues and challenges to group members , we had aligned our efforts and utilized effective communications skills to help us overcome it and complete it. Each Group Members had contributed their expertise which made sure all deliverables met the necessary requirements and quality standards of the project. All Group Members were all confident that our outputs efficiently and effectively highlighted the software systems requirements , architecture and design.