

Week9

Hours Spent on Topic

Lecture	0(Public holiday)
Tutorial	2
Study & Logbook	1.5
Total	5.5 hours

Learning

Because of the public holiday, we don't need to study at Monday this week, but we need to starting our project phase 2, we need to make 3 individual diagram about Object Interaction diagram, Partial Design Class Diagram and system Sequence Diagram, but we are only discuss our arrangement.

Reflections

At home, I watched a log of diagram making video about draw.io, and I buy a ChatGPT4 because of it open a new function that we can use draw plugin to make many diagram to improve our Productivity.

Week10

Hours Spent on Topic

Lecture	2
Tutorial	2
Study & Logbook	3
Total	7 hours

Learning

In lecture we study more on class diagram and conceptual modelling, about Identify conceptual classes, relationships and Attributes, and we know do not use attributes as foreign keys, use Data Type Classes.

Reflections

At practical we study a lot of Assignment 2 Diagram Examples, and we discuss about the arrangement we should do, so we have a google meeting about this, and I need to do my personal 3 diagram and System Context and Architecture, I make it into a todo thing and check the due day.

Week11

Hours Spent on Topic

Lecture	2
Tutorial	2
Study & Logbook	2
Total	6 hours

Learning

In lecture we study about Interaction Diagrams(Behavior Design) that Design overview, Identifying design classes, Generating, specifying and capturing behavior with UML and Design principles.

Reflections

At home I make my individual diagram about Object Interaction diagram, Partial Design Class Diagram and system Sequence Diagram for my extended use case that ticket select function, my use case are made for Admin Staff to interact with System, but is only draft.

Week12

Hours Spent on Topic

Lecture	2
Tutorial	0
Study & Logbook	3
Total	5 hours

Learning

This week we don't need to go to campus, and can study at home to do our Assignment 2, Not just the three pictures I mentioned earlier but also need to justification of design decisions section, and finally we done our assignment 2.

Reflections

We finally made a good SRS and get a good score we believe, this course teach me a lot about How to demonstrate our understanding of a software requirements document, which is standard, necessary, and skillful, This class is coming to an end, and I see that our group's SRS is also completed, which makes me feel very accomplished.

Overall

Hours Spent on Topic

Lecture	24
Tutorial	24
Study & Logbook	36
Total	84 hours

Learning

- This semester I study at this course it's very rewarding, I know how to carry out the key software engineering activities: requirements gathering, analysis and specification; architectural design; object-oriented interaction design Research, evaluate and apply appropriate knowledge, practices, and tools to
- carry out software engineering activities, Develop a sound understanding of the nature of teamwork particularly in
- software engineering, and work well in a team-based project environment
- Have a clear understanding of the importance of ethical and professional
- behavior in software engineering
- Develop an ability to research, evaluate and reflect on process/tool options

My contribution for the SRS:

Draft version:

- 2.1 Product Perspective
- 2.2 User Characteristics
- 2.3 General Constraints

Final version:

- Activity Diagram for Use Extended Case 4: Define Ticket Types and Capacity
- Dataflow Diagram for Use Extended Case 4: Define Ticket Types and Capacity
- Level 0 Dataflow Diagram for entire system
- Level 0 Dataflow Diagram for entire system

- Object Interaction diagram
Partial Design Class Diagram
system Sequence Diagram
 - System Context Diagram
- justification of design decisions section

Reflections

- In general, after a whole semester of study, I not only learned a lot of software requirements, but also spent a lot of time discussing in meetings and communicating with team members, which greatly strengthened my communication skills. I think the group learning method is beneficial to each of us.
- In practice, I spent more than 20 drawings, although some were drafts, and I also wrote a lot of user instructions just to sort out the check-ticket functionality I was responsible for
- Finally, I would like to thank the lecturer and tutor in charge of teaching for their diligent teaching, and also thank the other members of the group for their joint efforts, which allowed us to get very good scores this semester.