SWE 530 – Final Exam Assignment

Designing a Project Part-3:

The software project is the same with the previous assignment (chat application with simple task management). Some of the requirements were listed and the rest was provided via voice recording and the missing points were covered by your assumptions and proposals. The previous assignments cover requirements, use cases, mockup screens, listing the main entities, data flow diagrams, ER diagrams, and state transition diagrams.

For this phase (assignment-3), you are expected to:

1. Rewrite the requirements
2. Draw/Update **Use Case Diagram**
3. Draw **Class Diagram without functions and with functions (two types of class diagrams)**
4. Draw **Sequence Diagrams**
5. Draw **Jackson Structure Diagrams**
6. For each diagram, you should also give some explanation text about the diagram and prerequisites (if there is any). Don't forget that you are explaining your design; just giving the diagrams won't be enough.

Submission:

- Submission will be done over Moodle as a Turnitin assignment
- Turnitin-Similarity-Score should be less than 15
- You should submit a PDF file with the name <swe530_**a3_final_**studentID_surname.pdf> and that has a detailed report for presenting design and explanations.