

ID2207 - Modern Methods in Software Engineering

Homework 3

September 2025

Question:

Produce a full requirements analysis document for the system explained in the business description document you have in Canvas. The requirements analysis document should comprise of:

1. Identified entity objects (with brief description).
2. Identified boundary objects (with brief description).
3. Identified control objects (with brief description).
4. Extract Sequence diagrams - Map the major use cases developed in homework 2 to the identified objects with sequence diagrams.
5. Extract UML class diagrams with the needed relationships.
6. State chart diagrams for objects identified

Deliverables

- ❑ A report in PDF format