

<Project Title> System Requirements Specification Part-2

#	Name	ID	Group
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Project contact member email

Project contact member mobile

TA. <Your TA name>

Phase 2 Deliverables:

Below is the list of deliverables for phase 2 (and final phase) of the project. In Phase 2 you are asked for system UML models from a **Design Perspective** (i.e. refined analysis models for design). In all your models you should use a UML diagramming tool to draw the models (e.g. ArgoUML or visual-paradigm).

1. System architecture for your system

- Select the appropriate system architecture for your system, motivate your selection and discuss how the selected system architecture handles at least two of your non-functional requirements.
- Provide a conceptual diagram (package diagram or component diagram) that shows the main system modules

2. Class Diagram

- Using UML, draw the class diagram expressing the system classes showing both attributes and operations
- At least provide 1 Generalization, 1 Aggregation, & 1 Decomposition relationships
- At least 6 coherent classes
- Class associations should be clearly indicated, with cardinality added, and association labels added.

3. Revised Sequence Diagram

- Modify your phase 1 sequence diagrams to reflect your design in Phase 2
- Don't forget your sequence diagrams should be aligned with your use cases.

4. Activity Diagram

- Provide activity diagrams to model your software's processes, (at least 2 activity diagrams)

5. State-transition Diagram

- Provide at least 1 state transition diagram

Delivery Notes:

- You'll upload your submission on Google class room Phase 2 Assignment
- Use this naming convention for the filename:
YourGroupNumber_TeamLeaderID_Phase2.doc
(e.g. **S9_20221234_phase2.doc** or **S9_20221234_phase2.pdf**)
N.B. The file extension should be word or pdf only, don't upload images.

- Deadline for **online submission is (23-December-2023 @ 11:59 PM)**
- You'll also need to bring a **printed copy of phase-2** submission and deliver it to your lab TA on **labs week starting 23-12-2023**
- **Project discussion dates/times will be announced later on classroom**