

**CIS 4250 – Software Design V**  
**Instructor: Prof. S. Scott**  
**Individual Accountability Report (IAR) Template**

Note. Refer to the Project Manual for detailed instructions for IAR submissions.

**Individual Accountability Report (IAR) Template**

The following questions MUST be included and answered completely for each submitted IAR.

Q1. Student Name: Parth Miglani

Q2. Student ID: 1047081

Q3. Associated Team Deliverable: Initial System Design and Product Backlog (Sprint 0)

Q4. Team #: 7

Q5. What were the main technical or methodological knowledge, skills and/or abilities (KSAs) that were required to complete this team deliverable? What prior courses or experiences (e.g. co-op, group project, etc.) from your Software Engineering degree did you draw on for these KSAs? (bulleted list is preferred):

1. This deliverable required previous knowledge and experience with analyzing codebases, and building UML diagrams
2. Knowledge of Object-Oriented Programming, and analyzing code acquired through courses like CIS\*2430, CIS\*3750, and other Software design courses helped in this regard
3. Knowledge of Agile, and scrum methodologies, as well as how to make user stories was also helpful
4. Experience working in large teams for other design courses and during co-ops also helped manage workload and divide responsibilities within the group

Q6. What was your existing level of experience with these topics/skills before your team began working on this deliverable? (1-2 sentences):

- A. I have had sufficient experience before performing these tasks, including working in agile teams, analyzing codebases, etc. through courses and co-op work experience/

Q7. Comment on your individual KSAs learning during this deliverable, and what additional learning may be needed to understand or be more competent with these topics / tasks in the future?

- A. This deliverable served as a refresher to all the concepts and practices we have used in the past. Since I have not used GitLab for project management before, I learnt the quirks of how GitLab works, and different ways it uses agile terminology.

Q8. What specific contributions did you make to this team deliverable? This should include technical or project management contributions.

- A. I worked on the System Design models with all other team members. I also worked on analysis of the models and the codebase along with Mahimna and Tyler. As I am the Product Owner, I made the Product Backlog with the Agile Coach, Mahimna. Lastly, I helped with the overview, and compiled and submitted the deliverable.

Q9. With whom did you collaborate for any of the above contributions (be specific – saying “all team members” is not sufficient. State which parts you worked on with whom)?

1. The whole group worked together on the System design models, as it provided the opportunity for everyone to thoroughly understand the existing codebase
2. I worked with Mahimna and Tyler on Analysis
3. I worked with Mahimna on the Product Backlog

Q10. Comment on how well you managed your time over the time period allocated in the Course timetable to this team deliverable (i.e. the time between the prior team deliverable to this team deliverable).

- A. I managed my time well and was able to work with my team to submit the deliverable before the deadline. The team also budgeted time well to clarify requirements and ask questions about the deliverable during the meeting with Prof. Scott and complete all the parts on time.