

CIS 4250
Software Design V
Instructor: Prof. S. Scott

Individual Accountability Report (IAR) #1

Q1. Student Name

Rashi Mathur

Q2. Student ID:

1125349

Q3. Associated Team Deliverable:

Team Contract and Application Proposal

Q4. Team #:

Section 2, Group 8

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):

Main technical/methodological KSAs

- Researching to find a list of projects to select from
- Documentation for contract and proposal creation
- Team Communication
- Effective communication, critical thinking, and attention to detail by proactively seeking clarification

The previous courses I used to draw on for these KSAs were:

- CIS*3250 (Software Design 3)
- CIS*3260 (Software Design 4)
- CIS*3750 (System Analysis and Design in Applications)
- CIS*3760 (Software Engineering)
- Previous internship experience

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

Since I had the opportunity to collaborate with groups on organizing projects with Agile methodologies and experience quickly familiarizing myself with the scope of a project through my earlier courses, I had a high level of competence in these topics and skills before our team started working on this deliverable.

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?

- Collaboration: Since I did not know all the members of my team prior to starting this project, this deliverable acted as an opportunity for me to familiarize myself with the members I didn't know, understanding their strengths and limitations as it is related to the project
- Documentation and roles: I also spent some time understanding the requirements and the objective of the course in general by reading through the manual and asking questions

In the future, I would need additional knowledge of TypeScript (including but not limited to testing frameworks and good practices) to contribute good quality code for the project.

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

For this team deliverable, I contributed to:

- Researching to find the project the group will work on
- Proofread the proposal and the contract
- Worked on the intellectual property and the redesign ideas part of the proposal

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)?

- I collaborated with Jake to fill out the team contract's intellectual property (IP) part.
- Collaborated with Anthony to research potential projects thoroughly
- Collaborate with the team (in a team meeting) to come up with a rough idea of what we want to redesign

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).

I managed my time quite well for this deliverable as my team was able to decide the project we wanted to work on promptly and since this deliverable wasn't very challenging.