

CIS 4250 – Software Design V
Instructor: Prof. S. Scott
Individual Accountability Report (IAR) #1

Q1. Student Name: Jake Goode

Q2. Student ID: 1202742

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

- Documentation for contract and proposal creation
- Attentional to detail while finalizing documents
- Collaboration of documentation
- Decision-making on the project
- Group communication

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)

These courses centralized with group communication and research to produce a minimal viable product (MVP) throughout the semester, which correlated with what was needed for this deliverable regarding creation, review, and communication.

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

My level of experience with these topics/skills before my team began working on this deliverable was high. These are the same skills I have used throughout my program, so I am very comfortable in using my research and documentation skills.

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?

- Attention to detail: I reviewed and edited the contract and proposal before finalization and submission.
- Analytical thinking: Reviewed what was required for the documentation and compared the documents to the provided rubric.
- Time management: Used the whole time provided to ensure the documents were well reviewed to ensure we had the best version to submit.
- Collaboration: Participated in team meetings to decide on the project to work on and what was to be listed in the proposal on what redesigns we could perform.
- Decision-making/Problem-solving: Reduced the list of possible project re-designs we could do over the semester to a more managed list which was outlined in the proposal.
- Communication: Communicated with team members to ensure we were all on the same track for the documentation and project to be worked on.
- Documentation: Participated in the creation of both the team contract and project proposal.

I feel that I am already comfortable with these topics/tasks but I can always further my learning to refine these skills. The additional learning that I would need to better understand these topics or tasks would be to expand my search by looking at different public project hubs instead of relying on GitHub to decide upon a project to work on. This would expand my knowledge and decision-making on what project we as a group should work on. I can also learn to practice more on my documentation and analytical thinking skills to provide more creativity and formal speaking to provide more sound documents for submission.

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:

- The initial draft and finalization of the team contract
- Researching to find the project the group will work on
- Finalization of the project proposal
- Submission of the team contract and proposal to CourseLink

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)?

- Collaborated with Rashmi to fill out the intellectual property (IP) part of the team contract.
- Collaborated with Tony to clean up the project proposal and team contract to align with what was required according to the rubric before submission.

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 well over the allocated time we had for this deliverable. I didn't rush to finalize my duties for this deliverable at the last minute as I worked on it throughout the time provided to me. Since this deliverable was the easiest one, it was easy to manage my time properly and ensure everything was done on time.