Q1. Student Name: Sara Adi

Q2. Student ID: 1129361

Q3. Associated Team Deliverable: Sprint 0

Q4. Team #: 5

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? (bulletedlist is preferred):

- Understanding of object-oriented design and class diagrams, which was developed in CIS3750 and reinforced in CIS3260 when working on reverse engineering tasks.
- Experience with backlog creation, user story development, and prioritization techniques, which I first encountered in CIS*3760 and later refined through co-op experience.
- Codebase analysis and reverse engineering, particularly in understanding existing system structures and defining class relationships, which I practiced in CIS*3260 and through previous group projects.
- Professional documentation skills, which have been improving throughout coursework and projects, especially my full time job as a IT project manager.

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

- I had a strong foundation in object-oriented design principles and backlog management, largely due to my coursework and industry experience. My role as an IT project manager further refined my ability to document technical systems professionally and ensure structured design approaches.

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?

- I strengthened my ability to analyze and refine a pre-existing system through reverse engineering, especially in defining class relationships. My documentation skills, which have been honed through my professional experience, were further improved in terms of tailoring technical details to academic expectations. Moving forward, I aim to refine my estimation skills for story weightings to enhance project planning accuracy.

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

- Assisted in class diagram development by analyzing the codebase and identifying key class attributes and relationships.
- Helped define user stories, initially assigning weightings before discussing and refining them with the team.
- Contributed to multiple sections of the report (Mostly, 1.0, 2.0, 4.0 and 5.0), ensuring coherence in the findings and helping structure insights from the code review.
- Leveraged my project management experience to improve documentation structure and clarity, ensuring technical explanations were well-organized and aligned with the overall project goals.
- Created user stories, organized the upcoming sprints, and refined weighing and tags on the backlog.

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 Jennifer in analyzing the codebase and refining the class diagram structure to align with existing functionality.
- Worked with Emily on improving the explanations and justifications in Sections 2.0 and 3.0
- Created, discussed and reviewed user stories with all team members, ensuring appropriate weightings and prioritization.
- Applied my experience in project management while working with Jeremy, Ben, and Jen to refine the documentation and improve overall project organization.

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 believe I did well in both managing my time, and actively contributing to the team deliverables without any last minute effort. However, there were some changes requiring the amount of detail that needed to be added to the document after speaking to the professor during Thursday's lab (the day it was due), therefore the rest of the team completed the last day, final revisions.