CIS 3760 – Software Engineering
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.

IAR must be submitted one of the following file formats: text or PDF.

Q1. Student Name: Siri Chandana Kathroju

Q2. Student ID: 1002780

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

Q4. Section 2, Team 3

Q5. What were the main technical or methodological concepts and/or skills that were required to complete this team deliverable? (bulleted list is preferred):

- Understanding an existing Android application
- Getting familiar with the GitLab artifacts and features for Agile software development
- Learning React Native
- Demonstrating leadership, collaboration and responsibility as a Scrum Master and teammate
- Understanding and executing Scrum
- Learning Class diagrams
- Setting goals for the team

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 experience with most of these topics before working on the deliverable through past courses like Software Design I, II and III and work experiences.

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

For this deliverable, I definitely had to go out of the way to learn concepts and refresh old ones. Java is something that I had to review because I haven't programmed in Java in a few years. I also had to watch tutorials on React Native because it was a new platform for me. Since

my team and I depend on React Native, it was essential for me to get familiar with it. I also had to watch few videos on Agile software development through GitLab just so I can perform the required tasks for my group project.

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

As a Scrum Master, my contributions included keeping the team on track, providing assistance to team members when needed, hosting the team meetings, delegating the tasks evenly among team members and updating the group with announcements. In terms of Sprint 0, I contributed to several parts of the document, including the Overview of Current System, System Design Models – Sequence and Class diagram, Project Backlog Creation, creating the Product Backlog on the team's GitLab and formatting the final documentation.

Q9. With whom did you collaborate for any of the above contributions (be specific)?

I get to work with some incredible and intelligent individuals on this project. We all worked together and contributed to every component in Sprint 0. I collaborated with the entire team by discussing the project requirements and what is expected from us. I also assisted anyone that needed help. With Srinath and Mackenzie, I created the user stories, tech stories and the Class/Sequence diagrams for the code. With Ameera, Srinath, Mackenzie and Tibor, I worked with uploading the user stories to the Product Backlog on GitLab. Lastly, with Ameera, I helped her figure out ideas for Analysis.

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).

As a Scrum Master, I've managed my time and the group's time extremely well as I was able to lead my group into completing 90% of Sprint 0 a day before the deadline. Before delegating the tasks, I discussed with my team that we should aim to complete our work a day before the submission so we could spend our last day making changes. As a group, we discussed the required tasks and what needed to be complete before every meeting. I delegated each of the components in Sprint 0 to every member, and for the parts where we needed to work together, I set up 1-2hr meetings to get the task done. These meetings were strictly for the tasks that required the entire team, as well as discuss the next tasks to be completed. This ultimately resulted in our group finishing the majority of the Sprint ahead of time. We spent the last day uploading our stories to GitLab and finalizing our document. Thus, I can say that I've managed my time and my group's time exceptionally well.