

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: Final Project Demo + App (Sprint 4)

Q4. Section#, Team#: 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):

- Demonstrating leadership, collaboration and responsibility as a Scrum Master and teammate
- Team management
- Setting goals for the team
- Knowledge in SQLite for tables and sorting
- Knowledge in using React Native components

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

My existing level of experience with these topics was already familiar because I had prior experiences with teamwork and collaboration through past courses like Software Design I, II and III and work experiences. I got acquainted with React Native, SQL and JavaScript over the project deliverables, so it was manageable to continue doing the same for Sprint 4.

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 continued to work on the code in React Native and SQL. I got familiar with the concepts over the past few deliverables, so it was easy to work on the rest of the intended user stories. I still struggled with few ideas, so I couldn't be a reliable team member at

times; however, I did most of the teamwork. Merge requests were something I also focused on since I forgot a few of the fundamentals, and so I spent time reviewing those concepts.

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 several regular and scrum meetings, delegating the tasks evenly among team members and updating the group with announcements. I was always running around making sure my team was on track with the course deliverable and made sure I received updates from them. I constantly updated the wiki with information, managing GitLab by moving the user stories around and reading the deliverable and rubric numerous times. Most importantly, I had to plan out Sprint 4 with my group before starting it, such as figuring out which user stories to complete. Since this was the last sprint, we had to go back to the rubric to ensure that intended user stories satisfy the requirements for the redesigned application.

In Sprint 4, I contributed to several parts, including creating user interface elements, breaking our Sprint 4 user stories into manageable tasks, assigning them to the team on GitLab, and writing the “How to Demo, Acceptance Criteria, and Definition of Done” and updating the product backlog. I also created test cases and documented the process with screenshots; I was also the only person to continually update the wiki and product backlog. Lastly, I made the final project demo presentation and contributed with Srinath to demo the completed user stories in the lab.

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

We all worked together and contributed to every component in Sprint 4. I collaborated with the entire team by discussing the project requirements and what is expected from us. This included project goals, the “Definition of Done,” and figuring out what user stories will be done and breaking them down into manageable tasks in Sprint 4. We had several scrum and team meetings where we discussed things we were going to do for that day and the next day. I also collaborated with Srinath to demo our completed Sprint 4 user and tech stories in the lab.

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 extremely well because this was the last sprint, and I wanted everything to smoothly. As a group, we discussed the required tasks and what needed to be complete before every meeting. I delegated each of the tasks in Sprint 4 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 and discussed the following tasks to be completed. I set a team deadline 4 days before the demo to complete the code by that day. We spent several days cleaning up the app, fixing the UI and completing our testing; this was uploaded to GitLab, and I finalized the information on the wiki. I also created the presentation for the sprint demo and prepared for the Sprint 4 demo. Thus, I can say that I’ve managed my time and my group’s time exceptionally well as we could meet our project goals and definition of done.