

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: Project Milestone 2 (Sprint 2) + Sprint Retrospective

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):

- Understanding Mobile (Android) Development
- Learning React Native
Getting comfortable with React Native and SQL
- Demonstrating leadership, collaboration and responsibility as a Scrum Master and teammate
- 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'm new to mobile development and React Native, so it took me a while to understand what was happening. I wasn't also familiar with Android Emulator because I've never worked with it, which consisted of watching YouTube videos and asking for help from my teammates. I had experience with teamwork and collaboration before working on deliverables 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. I continued to watch React Native and mobile development tutorials because it was a new platform for me to work with and brushed up on SQL. Since my team and I depend on React

Native, it was essential to get familiar with it to help be a reliable group member. I also learned how to use Expo Go and the Android Emulator, this was also very new to me, but my teammates helped me set it up and explained how it worked.

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 and scrum meetings, delegating the tasks evenly among team members and updating the group with announcements. 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 2 with my group before starting it, such as figuring out which user stories to complete.

In Sprint 2, I contributed to several parts, including creating user interface elements, breaking our Sprint 2 user stories into manageable tasks, assigning them to the team on GitLab, and writing the “How to Demo, Acceptance Criteria,” and updating the product backlog. I also created test cases, documented the process, 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 2. 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 in Sprint 2. We had several scrum meetings where we discussed things we were going to do for that day and the next day. Srinath assisted me and everyone else with setting up their coding environment. I also collaborated with Srinath to demo our completed Sprint 2 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 and the group’s time extremely well even though this Sprint was shortened by a week due to the midterm. 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 2 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. We spent the last day uploading our testing documentation to GitLab and finalizing our information on the wiki. I also finished this time preparing for the Sprint 2 demo. Thus, I can say that I’ve managed my time and my group’s time exceptionally well.