

**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 1 (Sprint 1) + 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
- Setting up the coding environment
- 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 had to watch React Native and mobile development tutorials because it was a new platform for me to work with. 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 1 with my group before starting it, such as figuring out which user stories to complete.

In terms of Sprint 1, I contributed to several parts, including creating the user interface elements of the user authentication, breaking our Sprint 1 user stories into manageable tasks and assigning them to the team on GitLab, 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 1. 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 1. 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 1 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 as I was able to lead my group into completing 90% of Sprint 1 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. We also took several hours to ensure our coding environments were set up. I delegated each of the tasks in Sprint 1 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 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 testing documentation to GitLab and finalizing our information on the wiki. I also finished this time preparing for the Sprint 1 demo. Thus, I can say that I’ve managed my time and my group’s time exceptionally well.