## 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: Michael Yogar

Q2. Student ID: 1058364

Q3. Associated Team Deliverable: Sprint 0

Q4. Section#, Team #: Section 102, Group 2

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

- Scrum
- Communicating online
- How to write good user stories from the perspective of a user
- Understand the code base to see what technical stories are required
- Understand how to implement a product backlog
- How to add to product backlog using Gitlab
- Understanding of android development
- Understanding of how to read java code and turn that into class diagrams
- Understanding of how to read java code and turn that into sequence diagrams
- The ability to analyze code and understand what is good, bad, and/or needs improvement
- Analyze existing systems to determine its effectiveness
- The ability to understand how existing systems can be improved through thoughtful feature additions

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

Before this sprint, my experience with these topics and skills were novice at best. My only exposure to this was from CIS*3750 and I did not have android experience prior to this.

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?

I learned a lot about creating meaningful user stories and how to analyze code bases. I learned. When coming up with many user stories, I realized that I had to make sure I did not go off track and kept the user's needs in mind. Also, I had to adjust to the frequent meetings since we were following the agile methodology.

I need to improve my understanding of Java code, since the class diagrams and sequence diagrams confused me. I tried my best to understand the diagrams, but further learning is required. I plan on replaying lectures and finding supplement documentation/videos for learning.

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

- Contributed 10+ user stories, categorized users and added it to the backlog.
- Created and implemented a table that sorts user stories based on relative importance, and added justification for each user story
- Contribution to overview of current system, proposed system, and analysis as well.

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

- Jacob – worked with Jacob for the user stories (all 3 columns)
- Arash – He started the overviews (current/proposed only) and I finished the current, proposed, and analysis overviews
- Nick – worked with Nick for the backlog and he answers all my questions when I needed help

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 personally feel that I managed my time well. I always showed up to the meetings that I can make, and I notify Nick in advanced if I must arrive to the meeting at a different time than discussed. The group was accommodating by rescheduling for each other, which made attending the meetings more accessible. I also made sure that I met my responsibilities in a timely manner. I was able to get all my contributions done by the discussed deadline.