

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: Nicholas Rosati

Q2. Student ID: 1037025

Q3. Associated Team Deliverable: Sprint 3

Q4. Section#, Team #: Section 1, Team 1

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

- Android development
 - Java and Kotlin
- Server and API creation
 - Python with Flask framework
 - MariaDB and SQL
- Git

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

I have no prior experience with Kotlin but an average knowledge of Java. I was also very familiar with Python, Flask, MariaDB, and SQL coming into this sprint.

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?

My learning for this deliverable was mostly about efficiently communicating with other team members whose tasks rely on my own. I knew how to make a Python/Flask API from a previous course but documenting it was the more challenging part. To better understand this, I need to look into standards and specifications on how to properly build and document API endpoints.

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

For this deliverable I helped create a database to store scanned items, made endpoints to add items to and edit items in the database, created documentation for how the API should be interacted with, and documentation for how the database is organized.

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

For database and API work, I was collaborating with Scott for various parts where either I was having problems or needed clarification for. For making the documentation, I got input for the quality of the documentation from Shawn. The initial specification for the API involved everyone on the team as it is the link between the front end and back end.

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 feel like my time was managed well. I got all non-blocked parts of my tasks done with ample time for the front end team to start using my API endpoints.