CIS 4250 – Software Design V
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: Andrew Chow

Q2. Student ID: 1088114

Q3. Associated Team Deliverable: Sprint 2

Q4. Team #: 8

Q5. What were the main technical or methodological knowledge, skills and/or abilities (KSAs) that were required to complete this team deliverable? What prior courses or experiences (e.g. co-op, group project, etc.) from your Software Engineering degree did you draw on for these KSAs? (bulleted list is preferred):

Skills and Abilities

- Strong communication skills to effectively organize and collaborate promptly
- Leverage previous React.js experience to navigate through the codebase, understanding the high-level overview of the software application (i.e. components, state, etc) and knowing which areas to add new code

Prior Courses & Experiences:

- Previous internship experience in software development and quality assurance, creating diagrams, stories, and tickets
- Previous software engineering courses (Software Engineering / Design 1-4)
- Previous TA experience (CIS1050, CIS1200, CIS1300, CIS2500, CIS2170)

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

In the past, I've worked with web applications, understanding the high-level overview of the system's operation. This allowed me to navigate the code base to create the new components for this sprint's objectives, such as the multi-language functionality support.

Q7. Comment on your individual KSAs learning during this deliverable, and what additional learning may be needed to understand or be more competent with these topics / tasks in the future?

Int his deliverable, I utilized Typescript to create a new function to handle the input for request/responses with Cohere's API model to generate prompts for a given request. This allowed me to learn more about the different AI models and their strengths and weaknesses, and ultimately, we decided that we wanted to go with Gemini as a team.

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

For this team deliverable, I worked on implementing the Cohere AI model into our application and was able to successfully mock a response for a given request using the Postman API tool.

Q9. With whom did you collaborate for any of the above contributions (be specific – saying "all team members" is not sufficient. State which parts you worked on with whom)?

- I collaborated with Tony on the AI model research and deciding which model we wanted to use for future sprints. He worked on implementing Gemini, while I worked on implementing Cohere

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 managed my time well by working on small deliverables throughout the sprint's deadline. I was able to work early in the sprint to implement the Cohere API handler after doing some initial research. This gave us some time to discuss as a team which approach we wanted to go forward with for future sprints when we decide to implement the AI deliverables. In addition, I communicated effectively with my group members to provide updates throughout the week, updating them daily and raising concerns about the project.