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 1

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 in a timely manner
   - 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?

In this deliverable, I utilized TypeScript to create new types and components to contribute to the multi-language support feature. As a result, this allows me to be more competent as I will be implementing more components in TypeScript in future sprints when we collaborate and create more reusable components

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 the wiki page, implemented the language component (including dropdown), and the language type and performed code reviews for the language state and keyboard shortcuts

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 and Anthony on the multi-language feature
- I collaborated with Jake and Rashi to help out with the wiki documentation

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 language component since that was a prerequisite to the language state feature that others were going to be working on later on. This allowed In addition, I communicated effectively with my group members to provide updates throughout the week, updating them daily and raising concerns about the project.