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: Jake McAuley

Q2. Student ID: 1060842

Q3. Associated Team Deliverable: Sprint 1

Q4. Team #: Section 2, Group 6

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):

- I mainly worked with React, and the Cloudinary React SDK API.
    - https://cloudinary.com/documentation
- I also had to utilize MongoDB, Node.js and Express KSAs to supplement my front-end work. (I basically worked full stack)
- I had no prior experience with Cloudinary
- I had significant experience working with the MERN stack.
    - I solo developed this website: https://www.find-flow.io (Uses MERN)
- I used GitLab and Discord for Agile and communication
    - I have experience with these from courses at UofG (Soft Eng 1 - 4)

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

- As stated above, I have significant experience working on the MERN stack - I have solo project work where I completed full-stack applications single-handedly.

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?

- I learned a significant amount about the Cloudinary React SDK API, which was necessary to facilitate my specific tickets.
- While getting my tickets into a “completed” state - I feel that more improvements could be gained in future refactors with a more sophisticated understanding of the Cloudinary API and SDK. I would need to comb through the Cloudinary Docs more thoroughly.

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

- I made crucial contribution to one of our User Stories (cis4250-chatapp/chatapp#6) - Which was related to uploading profile pictures to user profiles. I completed the main functionality of this user story - providing a new hosting platform and integrating the functionality with our system.
- My contribution culminated in a self-contained component that exposed all profile picture functionality. It is usable by simply including it on any page.
- I documented my progress on the GitLab Wiki.

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 Eddie on the Profile Picture life-cycle. Eddie helped me refactor the front-end so that user profile pictures would update live instead of requiring a new session.
- Ike and Naza redesigned my components appearance and fit it into the redesigned profile page

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).

- My time could have been managed more effectively. Because of a misunderstanding with project deadlines - all of my work was completed between Thurs Feb 6th and Mon Feb 10th. In the future, my work will be spaced out more effectively, allowing for significantly more collaboration work.
- That being said, I worked perhaps 4 - 5 hours a day within these few days - and made steady progress each day.
- I never felt particularly rushed and made a significant contribution despite the time constraint.