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: Jacob Beal

Q2. Student ID: 1057040

Q3. Associated Team Deliverable: Sprint 3

Q4. Section#, Team #: 102, 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):

Technical

- Android Studio
- Gitlab
- Google Drive
- Discord

Methodological

- SCRUM
- Online Meeting

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

With the work I did in the last sprint it assisted me during this one as I had more knowledge about android programming any extras I had to learn the concepts on the go through the help of my team members. I am very experienced in using google drive and discord as I use this software daily.

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?

During this sprint I was tasked with implementing more UI features as that is what I struggled most with and I felt that it really assisted in my capabilities I was able to learn both how to implement UI in code and design using Android Studio built in designer. I felt that I was able to get nicer looking tags and icons for recordings within our app. My technical learning seems to be improving as I move forward in this course as I am able to understand more complex tasks and help my team members if they have problems despite only starting coding Android in this course. To be more competent in the future I can do further research on more complex UI features that can be implemented within Android Studio.

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

In this team deliverable I contributed to

- Added two new columns to the database for storing Cloud download URL and Is Cloud Flag.
- Designed better looking UI for displaying tags in card view.
- Implemented code to block the user from reuploading same files to cloud after initially doing so as well as files previously downloaded from the cloud, to not clutter cloud storage with duplicate files.
- Implemented back end to check if a file was downloaded from the cloud and change the icon accordingly to an icon of a cloud.
- My additions in the database assisted with Danish and Nick's show cloud uploads list.
- Supporting teammates with any technical inquires like code, diagrams or questions about what I have done and why I did it a specific way.

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

This was a task I worked on by myself as I have experience now in updating database tables and assigning values to it.

This was a task I mostly worked on by myself as I am trying to gain more personal knowledge on Android UI, although Nick assisted in doing research for creating shapes in Android

This was a task that I worked on by myself as I felt that since our cloud storage had a limit that it would be a good idea to not allow users to upload duplicate files to the cloud if they already existed to keep the cloud as neat as possible.

This was a task I worked on by myself with some help with Nick showing me where values on the card view were assigned, I utilized this to be able to check if a recording was from the cloud and update the icon accordingly

This was a task I worked on in tandem with Nick and Danish I assisted them with errors they faced when creating this task and ended up using my functions from my database tasks which fixed any problems they had faced.

This is more of just working together as a team overall, each group member was able to bounce off each other and come together to become cohesive and stay on track

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 would say our team did a really good job over this time period allocated for sprint 3. We mainly focused on fixing up any temporary UI solutions with more complete solutions on top of adding quality of life features that will assist the user in navigating our application and fulfill our application goals with completed features like a functional recycling bin, cloud upload and download, and fully functional filter and search. Our team did a great job completing these tasks as they are not simple tasks in practice whatsoever.