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: Tibor Ukropina

Q2. Student ID: 0961384

Q3. Associated Team Deliverable: Sprint 1

Q4. Section#, Team #: Section 2, Team 3

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

-   Good Understanding of React Native Components from external libraries
-   Knowledge of SQLite commands such as joining tables and sorting

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

I was already familiar with external React Native components from the last sprint. I did not have a good understanding of the SQLite commands needed for this sprint, however, I had some prior understanding of MySQL.

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 came from online, and with the help of my group members. For properly creating and using React Native components required for this sprint I online by watching tutorials and reading the expo documentation. To learn SQLite, I started a meeting with my group member Srinath, who has experience with SQLite. He taught me what I needed to know to achieve my goals for the sprint.

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

I was heavily involved in the implementation of user stories: 31, 32, 33, and 35. These stories are all displayed in the trends tab in our application. I first created a new category, BMI, and displayed a chart for it. Then I added charts for steps and weight and created buttons to switch between all three charts. Following this, I worked on creating a data table where a user can see all of their past weight, steps, and BMI. I populated this table using SQLite command which grabbed all of a user's data and stored it in the table. I then created buttons which can sort the table based on either weight, steps, or BMI. The sorting mechanism was done through SQLite since React Native isn't rich with table components.

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

During the development of switching between charts I primarily worked with Mackenzie and Srinath. Srinath taught me how change the visibility of charts depending on what button is pressed. Mackenzie helped me with populating the data in the charts.

For the data table Ameera, Chandana, and Mackenzie met up and created the table. I worked off of this and updated the table to be able to fill all of the categories for steps, weight, and BMI, and to implement sorting. Srinath helped me with this part by teaching me the proper SQLite commands to populate and sort the table.

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 for this sprint as I was able to help my group complete all the user stories on time.