Zach Cunningham
Self Assessment

My individual contribution to the project consisted of the UI design, the implementation of some of the activities for the app in XML using Android components, and the implementation of some of the backend code to support the activities in Java. I applied the fundamentals I learned in my previous coding classes as well as incorporating the design principles from the User Interface class I took last semester. I also incorporated the non-coding skills I got from the Software Engineering class. Since last Fall, I have improved my knowledge of coding in Java and using it as a backend language for XML in Android Studio, and now have a good understanding of the fundamentals of mobile development in the Android environment. I learned how to create a new app in Java, the basics of the backend of an Android app using androids included Java libraries and packages, create new activities, and implement a database with SQLite. It was easy to pick up the backend coding in Java which I would consider a success, and I was also able to translate what I learned in UI to creating the activities for the app. Some obstacles I encountered were setting up Android studio and moving an app in development to the Google Play Store, which I had some difficulties with, but I found some helpful YouTube tutorials to guide me.