Personal Reflective Report - Henry Hollingsworth hmh7

The objective of this report is to outline my involvement in the group project and to give a detailed description of the tasks assigned to me, how I completed them and any issues I encountered whilst working, this includes issues with the work itself and any issues I had with the team.

At the beginning of the project I was assigned to the two-person Android app development team. However, I ended up as the only app programmer as the project progressed, which meant I was then responsible for writing the code and final UI design for the Android app (both front-end and back-end).

Unfortunately, due to the demanding nature of the server database segment, as well as some team members effectively abandoning the project, I was the sole programmer working on the app for almost the entire duration of the project. Before Christmas I expressed a wish for another programmer to be attached to the app, but that proved impossible for the aforementioned reasons. During coding week it was too late for others to learn Android programming and get familiar with the existing code. However, I did get assistance from the group leader with the app's database section.

The submitted app lacks some planned features (namely editing records) and has several bugs, one of which causes the server to reject the submitted data. To have gotten the app fully finished on time it would have required either more intense working on my behalf before and after Christmas or alternatively an extra programmer to take responsibility for some sections of the app.

I had not programmed for Android before the project, save the small worksheet at the beginning of the semester, and I had trouble learning how to implement some of the required Android features, such as the navigation drawer. I believe that if I had learned to properly program for Android sooner (at the beginning of the project) the app would have been fully functional and more polished by the end of coding week.

Even though I could not finish the app on time, I gained a significant amount of experience in Android development as well as working in a group with interdependent tasks and duties.