**Individual Report:**

**Individual Impact on The Group:**

The first day consisted of analysing each section of the coursework. For this analysis, I highlighted key parts of the specification which would help the group in the design phase of the project. The work I did here, helped in the group discussion and helped clarify any misunderstandings I had with the coursework. In addition, the groups strengths and weaknesses were also discussed.

Over the next couple of days, I contributed towards performing the noun/verb analysis, as well as creating CRC cards which helped created UML diagrams. This benefited the group as by the end of the week, we had a set of finished UML diagrams. Another significant step made by our group was learning to use GitHub, so were able to collaboratively contribute towards a shared project and share resources.

Next, using the UML and CRC cards, I was able to start to create a skeleton for the main classes. This then lead the group to be able to create documentation for the methods in the class.

During the second week, our group used pair programming to implement logic to methods. This was extremely useful as I was able to contribute to reduce the workload on other group members. As a result, the group was ahead of schedule so I started to look into JavaFX and how this would be used to create the GUI’s later in the week. By the end of the week, as a group, we were able to finish designing a GUI, which put us ahead of our schedule.

**Group Work:**

To comment on the group dynamics, I believe every member of the group is fully committed towards a high mark for the project. All the workload has been spread out evenly and fairly, to each other’s strengths and weaknesses. There is constant communication which helps during misunderstandings and mistakes during the first two weeks of working on this project. However, a negative aspect of the group that I can see, is that tend to overwork ourselves in order to keep ahead of schedule. With a reduced pace, we can reduce the number of mistakes.