

Vivek Bhukhan Individual Reflection:

My Contribution Towards the Group:

Throughout the whole project I feel that I have been contributing towards the group effort towards the project. The groups strengths and weaknesses were discussed from the outset. Therefore, we have been able to evenly contribute towards the coursework based on the strengths and weakness of each other. Also, our group made efficient use of GitHub, which allowed us to collaboratively contribute towards the shared project and share resources.

From the start of the project to the end, I have mostly contributed towards documenting the system, which improved the team's ability to create a functional system which helped higher cohesion and reducing coupling. As well as doing this, I have significantly helped in designing and creating the Graphical User Interface (GUI). Then implementing the behaviours for listeners and sliders.

The middle stages of the project mainly consisted with getting as much of the implementation I could program by myself and with others, in the form of pair programming. Over this period, I feel I have significantly improved my java knowledge and programming experience.

During the final stages of the project, my key role was creating and updating the java documentation for each class and its respective fields, behaviours and methods. This was difficult to do as many changes and refactoring of our project was carried up. However, I managed to complete this sufficiently with support of other group members. On the side, I also was involved in debugging and reducing the number of bugs in our simulation, to improve the functionality of the system.

Group Dynamics:

To comment on the group dynamics, I strongly believe every member of the group was fully committed towards achieving the best 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 and group meetings, which helps during misunderstandings and mistakes made in the project. A key part was making use of GitHub, Hangouts and group meetings in person, which helped us keep the progression of the coursework despite the UCU strikes and external factors which impacted the progression.

Strengths and Weaknesses:

A strength of this group is that each member that made major changes, the group will be review the change and when the group feels the change was beneficial, then the change is used. This significantly reduced bugs and helped debugging when one occurred.

However, the only one negative aspect to this group was that half the group lived on campus and the other half at least 1 hour away. Which at times made it difficult to meet up, especially over Easter holidays when members of the group were in various parts of the country. Despite this, we could keep working on the project by communication through social medias.

Overall Reflection:

Over the last 2 months working on this project with this group, I would be satisfied to work again on a group project with the same members again. Mainly, for the reason of the consistent impressive commitment and support throughout the project. Furthermore, the one aspect I would improve would be my knowledge of java, especially writing tests, to be able to contribute even more to the project.