

COMPENG 2SH4 Project – Statement of Contribution

Your Group Name Fortnite

Your Name Aaron Ghosh ghosha20 400512786

Your Team Member's Name Viswajith Manoj manojv3 400530333

You must complete this statement of contribution without discussing it with your project partner, i.e., individually. Your statement should be concise (at most one-and-a-half page). It has three parts:

1. Tell us about your own contribution to the development of your COMPENG 2SH4 project. For example, you can tell us about which project iterations (as mentioned in the project manual) and C++ project classes that you worked on and completed. You can provide a concise answer either in paragraph form or through bullet points.
 - Iterations 1A to 2B (porting PPA3 with OOD, scoreboard and input system, random food spawning and the positioning)
 - Debugging for the **obsPos** and **obsPosArrayList** class using the test suite
 - Debugged general program logic with partner
 - Bonus feature with foodbin class and food generation
 - Comments and fixed code formatting
2. Repeat Part 1 above but this time tell us about your project partner's contribution to the development of your COMPENG 2SH4 project.
 - Iteration 3 (implementing the snake body growing, self-collision with the snake body to end the game, implementing the food-collision)
 - Debugged general program logic
 - Comments and fixed code formatting
 - Debugged the memory leak issue
3. Tell us about your experience in your first collaborated software development through this project – what was working and what wasn't. If you are a one-person team, tell us what you think may work better if you had a second collaborator working with you.

It was a fun project to be able to work with a peer and effectively use software such as Visual Studio Code and GitHub. However I did run into many issues trying to work with GitHub as often times my laptop wouldn't be able to push or pull code. This problem was resolved by sending my code to my partner using Discord or just deleting my files and cloning the repository again. Another problem that occurred was a result of me and my partner using different operating systems which occasionally caused problems for me as I would not be able to compile the code whereas my partner would.