

COMPENG 2SH4 Project – Statement of Contribution

Your Group Name `remove("C:\Windows\System32\");`

Your Name Deev Patel

Your Team Member's Name Ray Wu wur99

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.

Phase 1 Contributions:

- PPA3 Code
- Ported PPA3 Code
- Completed objPos class
- FSM implementation
- Set up printing

Phase 2 Contributions:

- Developing the objPosArrayList class
- Win Condition

Feature implementation:

- Snake Movement
- Snake growth
- Bonus Feature
 - Multiple Foods generation implementation

2. Repeat Part 1 above but this time tell us about your project partner's contribution to the development of your COMPENG 2SH4 project.

Phase 1:

- Set up grid
- Set up Player Class

Phase 2:

- Initial Food class integration
- Game over Condition

Features:

- Snake Food Consumption
- Bonus feature implementation
 - Special Food item

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.

Working as a group has made the project much easier than if I were to have made it alone. Working in pairs allows us to divide and conquer different aspects of the work which makes it faster for us to implement features. Having another set of eyes makes it easier to debug as we are more prone to overlook errors in our own code. As for disadvantages working in a group would be development style. I would have to develop in a way so that my partner can also understand and build off my code. This would slow me down slightly as I'd have to tweak my work so its more readable and organized. But this cost is far outweighed by the benefits from having two brains and dividing the work up. Overall small groups are ideal for large scale software development and can make things many times more efficient than if there was only one person working on the project.