

COMPENG 2SH4 Project – Statement of Contribution

Your Group Name Arora_net
 Your Name Jiayi (Anna) Ying
 Your Team Member's Name Isaac Melo

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.

I completed parts:

- Iteration 1A – Player Class Implementation
- Iteration 2A – Deploying and Validating objPosArrayList Functional Class
- Iteration 3 – Player Class Functional Expansion and Feature Integration
 - Feature 3 – Snake Death Check (Game Over Condition)
- And a speed feature we've decided to add to adjust the game speed

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

Isaac completed parts:

- Iteration 1B – Refactor PPA2/PPA3 Code and Deploy the Game Mechanism (GameMechs) Container Class
- Iteration 2B – Random Food Generation
- Iteration 3 – Player Class Functional Expansion and Feature Integration
 - Feature 1 – Snake Body Implementation using Array List
 - Feature 2 – Snake Food Consumption and Snake Body Growth (also Score)
- Additional Iterations – Above and Beyond Feature

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.

During the first part of the project, my MacBook experienced some technical issues, which made it challenging to contribute effectively, since I had to code without seeing the program

running. And after the laptop issue was solved, some features still wouldn't work on my Mac even though it worked on my partner's likely due to configuration differences. Despite these challenges on my part, my partner has always completed tasks on time, and our communication was excellent throughout the project allowed us to complete the project smoothly.