

COMPENG 2SH4 Project – Statement of Contribution

Your Group Number mhs
Your Name Andy Tang
Your Team Member's Name Yahia Hassanen

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 was responsible for the Developer 1 workflow of the project, setting up all the initial code found in GameMechs.cpp and modifying the header files of the project to follow the project criteria. I also worked on the code that concerns the snake as it is moving, such as increasing its length and checking for its consumption. When working with my partner together, I helped implement debugging for our code when we ran into errors. This also includes going to office hours of the professor on my team's behalf.

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

My partner was responsible for the Developer 2 workflow, where he transplanted PPA code and modified all procedural programming to be implemented with OOD. He worked on collision detection and endgame conditions. He was responsible for most of the code in objPos and objPosArrayList. On top, he made sure that our project followed the test bench and he checked over the memory management by following proper OOD practice(6 minimum 4).

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.

I enjoyed working on this project with my partner because we had good communication throughout the project. No one was left in the dark during any stage of the project and we were all willing to help out each other when we needed it. Delegation of tasks was smooth and there were no arguments. However, given that we were in different programs (I am in pure engineering, he is in IBIO), finding the time to work together and budgeting time for our other courses was a bit difficult. Especially his anatomy midterm coincided with half of the time allowed for the project, I had to do a bit more initially while he carried in the latter half.