

COMPENG 2SH4 Project – Statement of Contribution

Your Group Name 2shies

Your Name Dora Mackie

Your Team Member's Name Aryana Akhlagh Nejat

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.
 - Iteration 0 (completed together)
 - Iteration 1B
 - Iteration 2B (including implementation of a Food class)
 - Iteration 3 (completed together)
 - Above and beyond (completed together)

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 0 (completed together)
 - Iteration 1A
 - Iteration 2A
 - Iteration 3 (completed together)
 - Above and beyond (completed together)

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.

Most of the major successes we had during this project came when we were either working together on one laptop, or each completing portions of the code on our own at different times. When we were doing iteration zero, as well as completing the last steps of the project, being in the same room working together was almost essential because we both needed to be able to be completely aware and understanding of any changes we were making in order to make sure that our code was going in the right direction. However, in iterations 1 and 2 that had separate parts, it made most sense for us to work on them completely separately, and we found this to work pretty well. However, there were inevitably some discrepancies

when we would try to combine our code together and discover we had used different variable names, or we sometimes found that one part needed to be tested before the second person could implement their part.

What we found did not work at all was the two of us trying to work on the same part of the code while in separate places, or even over a call. It was not feasible for us to try to simultaneously edit the code, and then have to push it to GitHub only for the other person have to go through the changes and accept every single one. There were also times where undoing changes was quite a struggle, and I think for future projects, learning how to use branches would have been quite helpful in this regard.

Overall, with some trial and error, Aryana and I were able to figure out how to effectively divide our work and complete necessary portion of the project together. For future projects, some more thought might have to go into ways to divide up work when it is something that would make most sense for one single person to complete, especially when it is a large portion of the project that would benefit from additional hands.