

Group 1: Will Buziak
Math 411 - Mathematical Modeling
3 October, 2022

Individual Reflection

In my opinion, the selection of group members for this project could not have worked out better. All members of the group were eager to get started right away and knock out the project so that there were no last minute hiccups. My primary function was to write-up the programming in Matlab. The decision to do the programming in Matlab was in part due to Matlab's inherent functionality in using arrays (matrices). Everyone worked to their strengths and pulled more than their weight, responded promptly and communicated their ideas effectively.

I worked with Isabelle to build the foundation of the code, which was instrumental since she has a shared experience in C++, which assisted in getting an idea of how we wanted to structure our model. Veda was the obvious leader of the group and took every initiative on herself to keep the flow of work moving. She elected to be the primary author of the report and oversee the presentation, working with Isabelle on the actual talk itself. Sam worked as the sweeper using his knowledge of Python to ensure that the logic was solid and translated well between all of the programming languages and found numerous bugs that would have otherwise been overlooked.