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## SYSC3303 Project Iteration 1

### L2G2

#### Teamwork Breakdown

For iteration 1, we chose to split the code into 4 components; one per group member. We did the same with the external requirements. We felt this would be the best way to equally distribute the work.

We split the code into:

- The floor subsystem and related components, this was done by Subear.
- The elevator subsystem and related components, this was done by Farhan.
- The scheduler and related components, this was done by Jacob.
- The simulator (main file) and all test classes were done by Will.

Our approach to coding was to take ownership of our designated classes, but to focus on teamwork and ensure that we share the responsibility of optimizing our system as much as possible. We used github to organize ourselves; every code push required a review from another team member to merge. We also frequently coded together on discord calls, and we synced up every couple of days to discuss the state of the code and how to move forward. While we had ownership of the specified classes, over the course of the iteration we all collaborated and added code to various different parts of the system.

Another thing to note is that this split is not permanent, it was only for this iteration. For example, for the next iteration it seems that the major focus will be only on the scheduler and the elevator, so we will split up the code adequately based on the requirements to keep the work evenly spread between the team.

We split the rest of the requirements into:

- Class and sequence diagrams were done by Will and Farhan.
- README was done by Subear.
- Set up & test instructions, as well as teamwork breakdown were done by Jacob.

With the external requirements, our approach was to complete the portion that we had taken ownership of, and then get the rest of the team to review. Everyone went over every section, and if there were any issues or anything the creator had missed, we shared suggestions and worked to finalize all of the documents in a way that we were all satisfied with.