# Elevator Control System and Simulator

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Carleton University

Department of Systems and Computer Engineering

SYSC 3303A Real-Time Concurrent Systems Winter 2023

Iteration 2 - Adding the Scheduler and Elevator Subsystems.

@version 1.0, 02/04/23

@version 2.0, 02/27/23

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## Group 7 Members:

\* Ismail Zakaria

\* Liu Patrick

\* Nguyen Trong

\* Elmokdad Hussein

\* Ngo Huu Gia Bao

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The distribution of work was coordinated using Atlassian Jira Software which can be viewed using this link: [ECSS](https://sysc3303-project-group-7.atlassian.net/jira/software/c/projects/ECSS/issues) for quick reference – see APPENDIX A. Here below is a general summary:

Iteration 2:

* Trong: SchedulerState class, FloorState class, SchedulerStateTest, FloorStateTest class, and javadocs
* Bobby: FloorState class, README, refactoring, documentation
* Hussein: UI improvements, refactoring
* Patrick: Update Elevator Location feature, UML and State diagrams
* Zak: Proposing ideas, revisions

Iteration 1:

* Trong: Elevator class, README, UML class & sequence, refactoring
* Bobby: Scheduler class, README, UI logger
* Hussein: Floor class, FloorTest, ElevatorTest
* Patrick: Parser class, ElevatorRequest class, ParserTest, Exception class
* Zak: Integration of system and system testing, revisions

Everyone took part in major code reviews and approved pull requests.

**APPENDIX A**

Iteration 2

Graphical user interface, application

Description automatically generated

Graphical user interface

Description automatically generated with medium confidence

Iteration 1

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

A picture containing chat or text message

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