# 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 1 - Establish Connections between the three subsystems.

@version 1.0, 02/04/23

@version 2.0, 02/22/23

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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 for quick reference – see APPENDIX A.

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.

Iteration 2:

Trong: SchedulerState class, FloorState class, SchedulerStateTest, FloorStateTest class, and javadocs

Bao: FloorState class, README, refactoring, documentation

Hussein: UI improvements, refactoring

Patrick: Update Elevator Location feature, UML and State diagrams

Zak: Proposing ideas, revisions

APPENDIX A





