SYSC 3303 Group Project Iteration 1

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Group member name	Contribution
Tristan Demers	Coded Scheduler state machine along with helping Elevator state machine and Scheduler state machine interaction.
Toman Aleksiev	Contributed to scheduler state class. Updated README. Created contributions document.
Kenji Isak Laguan	Coded Elevator State class and corresponding Elevator functionality. Contributed to Scheduler State class and communication between both systems. Fixed arising communication/behavioral bugs.
Steven Johnson	Class and sequence diagram. Included detailed setup and test instructions, including test files used.
Irina Ionescu	Code: contributed to elevator state (message sequence) and scheduler state classes, Diagrams: state machine diagram, contributed to scheduler state machine diagram

Note: Set up instructions and testing instructions are located in the "README.txt" file

1. Files included:



2. Setup instructions -

- Open project in Intellij and download any necessary libraries, sdk, etc. when prompted by the IDE
- In IntelliJ, open ElevatorSimulator as a project
- select on the main.java file
- Click the green arrow at the top right; this will build and run the project
- Output can be seen in the console
- 3. Testing instructions find "README.txt"

Manual testing:

- run application as described in ## Build and run
- the floor subsystem class outputs the messages that were read from the input.txt file
 - observe output of the floor subsystem, elevator and scheduler threads as they pass a message back and forth
- 4. Class diagram find "UMLClassDiagram.png" in Diagrams folder
- 5. Sequence diagram find "UMLSequenceDiagram.png" in Diagrams folder
- State Machine diagram find "StateMachineDiagram.pdf" in Diagrams folder