ReadMe Iteration 3

All files:

SequenceDiagram.PDF: This file contains pdf version of sequence diagram for iteration 2.

UML-Iteration2-Final.PDF: This contains pdf version of UML diagram for iteration 2.

ElevatorStateDiagram.PDF: Contains the state machine diagram for the ElevatorSubsystem.java

SchedulerStateDiagram.PDF: Contains the state machine diagram for Scheduler.java

ElevatorSubsystem.java: This java file contains an implementation of elevator subsystem for iteration 2.

FloorSubsystem.java: This file contains an implementation of floor subsystem for iteration 2.

Scheduler.java: This file contains an implementation of scheduler for iteration 2.

Request.java: This file reads in a text file and converts the lines of events to a Request object which is then passed along the sub systems.

SchedulerStates.java: Class of enums for the state of requests

RequestTrain.java: Abstract data type which acts as the data center for requests

Elevator.txt: Text file with requests that will be sent into the elevator control system

EventErrorHandler.java: This file is a delegated class from Request.java to reduce clutter, it handles wrong input types from the text file.

TestAll.java: Is a test suite for all unit tests, running this will run all unit tests

requestTest.java: Unit tests for request.java

SchedulerTest.java: Unit tests for scheduler.java

ElevatorSubsystemTest.java: Unit tests for ElevatorSubsystem.java

RequestTrainTest.java: Unit test for RequestTrainTest.java

ReadMe: Contains information pertaining to the iteration

Reflection.pdf: File discusses concurrency handling between iteration 2 and 3

Breakdown of Work iteration 3:

Yusuf Jaamac:

- Sequence diagram
- UML class diagram
- FloorSubsystem.java

Omar Elberougy:

- Scheduler.java
- UML Class diagram
- Reflection.pdf

Daniel Tura:

- Scheduler.java
- ElevatorSubsystem.java
- FloorSubsystem.java

Sudarsana Sandeep:

- ElevatorSubsystem.java
- Request.java
- ReadMe

How to run source code

Run Scheduler.java and ElevatorSubsystem.java first, then run FloorSubsystem.java