

(Creates instances of Elevator and Floor subsystems)

Floor

Scheduler

Elevator

Initialized

Initialized

Request made by pressing up/down button

Request send to

Request Received

Request Placed in FloorRequests queue

Sends notification about request to

Request received

Gives status regarding current and destination floor

moveFloors() to move to destination floor

Elevator Notifies Scheduler arriving at a floor
getMessagesSender()

Processed requests removed from queue to save space

System remains in loop waiting for new events to occur again