

# Report

## Practical Assignment 1 (Hostel)

### Incorrect implementations

#### Monitor interfaces and methods

- **Log**
  - ControlCentreProxy
    - logIdle()
    - logRun()
    - logSuspended()
    - logResume()
    - logManual()
    - logStep()
    - logAuto()
    - logCheckIn()
    - logCheckOut()
    - logOpen()
    - logClose()
  - Customer
    - logReception()
    - logFloor()
    - logBathroom()
    - logMealroom()
    - logBreakfast()
    - logLeaving()
    - logOutside()
  - Porter
    - logQueue()
    - logDoorCheckIn()
    - logDoorCheckOut()
    - logIdle()
    - logOutside()
  - Receptionist
    - logCall()
  - Waiter
    - logServing()
- **Outside**
  - ControlCentreProxy
    - nextSimulation()
    - startCheckIn()
    - supendSimulation()
    - resumeSimulation()
    - manualSimulation()
    - autoSimulation()
- **CheckIn**
  - ControlCentreProxy
    - setTimeCheckIn()
    - supendSimulation()
    - resumeSimulation()
    - manualSimulation()
    - autoSimulation()
  - Customer
    - inQueue()
    - checkIn()
    - getCustomerBedOffset()
  - Porter
    - waitCheckIn()
    - getPorterTotalCustomers()
    - subtractPorterTotalCustomers()
  - Receptionist
    - waitArrival()
    - attendCustomer()
  - Waiter
    - waitCheckInCustomers()
    - getWaiterTotalCustomers()
    - subtractWaiterTotalCustomers()



- **BedRoom**
  - ControlCentreProxy
    - startCheckOut()
    - setTimeBathroom()
    - supendSimulation()
    - resumeSimulation()
    - manualSimulation()
    - autoSimulation()
  - Customer
    - goToBed()
    - autoSimulation()
  - Customer
    - waitBreakfast()
    - takeBreakfast()
  - Waiter
    - waitMealRoomCustomers ()
    - serveBreakfast()
- **Leaving**
  - ControlCentreProxy
- waitBathroom()
- useBathroom()
- Porter
  - resetCheckOut()
- **MealRoom**
  - ControlCentreProxy
    - setTimeBreakfast()
    - supendSimulation()
    - resumeSimulation()
    - manualSimulation()
    - supendSimulation()
    - resumeSimulation()
    - manualSimulation()
    - autoSimulation()
  - Customer
    - waitLeave()
  - Porter
    - waitArrival()
    - openDoor()

### Students contribution

1. João Bernardo Coelho Leite (nº 115041): 45%
2. Luís Miguel Gomes Batista (nº 115279): 55% \*

\* extra GUI and logs implementation