

Hotel

-Allows you extract
information about the
hotel such as:
-addRoom
-Check Room
availability

-Hotel
-Room
-Reservation
-Writer
-Reader
-SupervisorInterface
-CustomerInterface
-ReceptionInterface
-hotelSimulation

HotelSimulation

- SelectHotel
- SelectInterface
- userName/password
for required Interface

- SupervisorInterface
- CustomerInterface
- ReceptionInterface
- Hotel

Reader

- changes csv to a data structure (i.e. arraylist or 2d array)
- Get the rows with a certain keyword from the csv read in.
- Create reservations by reading in from the csv file and add them to the hotel

- Hotel
- reservation
- room

Writer

- Changes the data structure to csv
- update reservation in csv file

- Hotel
- reservation

SupervisorInterface

- Add
Reservation
- Cancel
Reservation
- Show
Reservations
- Check-in
- Check-out
- ApplyDiscount
- HotelAnalysis
- Quit

- CustomerInterface
- ReceptionInterface
- Hotel
- reservation

Room

-Specific
RoomNumber

-SetAdults

-SetChildren

-Prices for
The room

-Reserve the
Room

-Price for certain
day

-Hotel

Reservation

- Apply Discounts to reservation
- calculate the total cost
- calculate the deposit
- Get all room numbers for a certain reservation

- Hotel
- Room

ReceptionInterface

- Add
Reservation
- Cancel
Reservation
- Show
Reservations
- Check-in
- Check-out
- Quit

- CustomerInterface
- Hotel
- reservation

HotelSimulation

- SelectHotel
- SelectInterface
- userName/password
for required Interface

- SupervisorInterface
- CustomerInterface
- ReceptionInterface
- Hotel

HotelException

Handle user
errors
contained in
system

-Hotel

CustomerInterface

- Add
Reservation
- Cancel
Reservation
- Quit

- Hotel
-reservation