

Create Reservation Domain

Hotel

name: hotel name

adress: hotel adress

stars: hotel rating

floors: The list of the floors in the hotel

Floor

floorNumber: number of the floors

hotel: The hotel name

wings: The wings type

Wing:

description: description of the wing

floor: the floor number

rooms: The rooms list in the floor

Room:

number: the room number

beds: number of the beds

balcon: is the room have any balcon

price: the Price of the room

wing: the wing where we can found the room

Reservation:

amount: the price of the reservation

from: the start date of the reservation

to: the edn date of the reservation:

active: is the user checked in

processed: is the user checked out

currency: the reservation currency

bookinperson: owner of the reservation

BookingPerson(use inheritance from user):

name: the person name

account: the account for the transactions

balance: the balance of the account

birth: the persons birth date

currency: the currency what the person use

User:

email: the mail adress of the user

password: user password

Expectations with the application:

Using services in View is not allowed

Using View in services is not allowed

Domain model classes should not contain any logic expect getters and setters(max Hash equals and toString)

Expected confirmation:

Whith console create a new Booking Person like:

Output

Input

>Whats your name?
Jakab Gipsz
>How much money do you have (more than 0)?
1000
>What is your currency?(HUF,EUR or USD)
HUF
>Welcome Jakab Gipsz
>Your balance is 1,000 HUF
>Where are you want to book? (choose a number or press q for quit)
>1: Hotel name: Hilton, Floor: 1, Wing: North, Room number: 1, Beds: 2, Room Price: 500
>2: Hotel name: Hilton, Floor: 1, Wing: North, Room number: 2, Beds: 4, Room Price: 1,500
>3: Hotel name: Hilton, Floor: 1, Wing: North, Room number: 3, Beds: 1, Room Price: 200
>4: Hotel name: Hilton, Floor: 1, Wing: North, Room number: 4, Beds: 2, Room Price: 500

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>Sorry you don't have enough balance please choose another room!

>Your Balance is: 1,000 HUF

>Where are you want to book? (choose a number or press q for quit)

>1: Hotel name: Hilton, Floor: 1, Wing: North, Room number: 1, Beds: 2, Room Price: 500

>2: Hotel name: Hilton, Floor: 1, Wing: North, Room number: 2, Beds: 4, Room Price: 1,500

>3: Hotel name: Hilton, Floor: 1, Wing: North, Room number: 3, Beds: 1, Room Price: 200

>4: Hotel name: Hilton, Floor: 1, Wing: North, Room number: 4, Beds: 2, Room Price: 500

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>The reservation successfully saved!

>Reservation details: Hilton, Floor: 1, Wing: North, Room number: 1, Beds: 2

> Your balance is 500 HUF

>Where are you want to book? (choose a number or press q for quit)

>1: Hotel name: Hilton, Floor: 1, Wing: North, Room number: 1, Beds: 2, Room Price: 500

>2: Hotel name: Hilton, Floor: 1, Wing: North, Room number: 2, Beds: 4, Room Price: 1,500

>3: Hotel name: Hilton, Floor: 1, Wing: North, Room number: 3, Beds: 1, Room Price: 200

>4: Hotel name: Hilton, Floor: 1, Wing: North, Room number: 4, Beds: 2, Room Price: 500

q

>Your reservations:

> Hilton, Floor: 1, Wing: North, Room number: 1, Beds: 2

>Check in

>Few days later

>Check out! Surprise you are the 100th guest you got 10% refund

>Your new balance is XXX HUF (balance after refund)