**Special Instructions**

Develop a hotel booking application (similar to <https://www.booking.com/>) using JSF technology. Users should be able to do the following:

* Check for availability of rooms.
* Provide Check-in and Check-out dates
* Number of Guests
* Bio-data such as
  + Name of the one booking
  + First Name
  + Last Name
  + Address

These information should be stored in MySQL database

*Submission:*

Source codes

Getting started instruction in a .txt file

*Grading Rubric:*

Functionality of the app without error: 30%

Input validation: 5%

Client-side: 25%

Server-side: 25%

Documentation: 15%

地点 入住 退房 人数head

从地点找出当地酒店id

在orders找时间段内被占用的房间对应的hotel\_id, room\_type，计算总量occupied，默认为0

用Room中的total – occupied

计算可以容纳的人数

如果>= head，返回该酒店的id

2 订单

读：

通过hotel\_id, room\_type, price, counts计算多要多少钱

从bank数据库中计算是否足够

写：

成功则插入orders

Bank中更新余额，Record