



# Portfolio

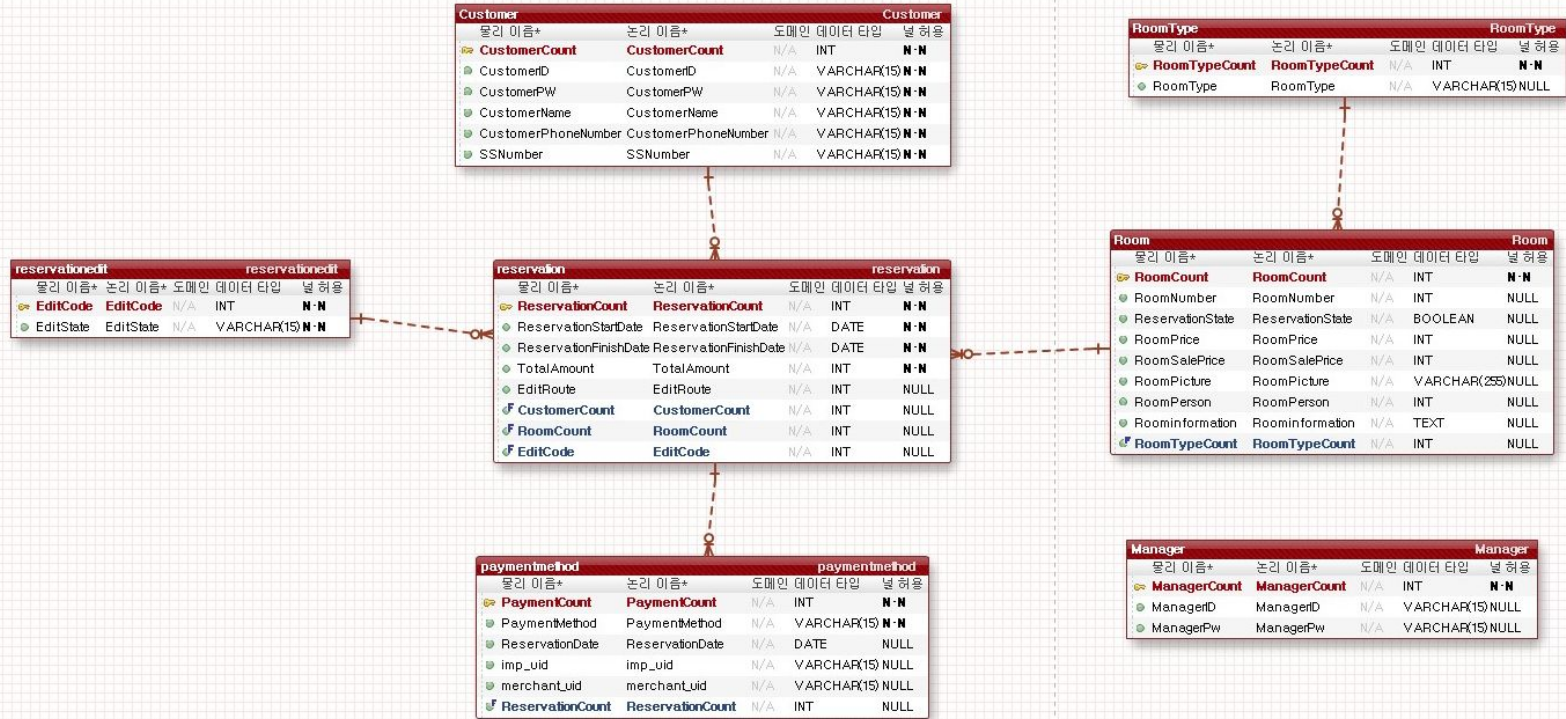
Kim Roman



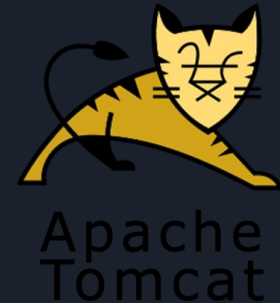
# Bit Hotel

- Search bar
- Room list page
- Room information page

# Data base ERD



Used tools:



Bit.

[Home](#)

[Rooms](#)

[About Us](#)

[MyPages](#)



# Bit. A Luxury Hotel

Here are the best hotel booking sites, including recommendations for international travel and for finding low-priced hotel rooms.

[DISCOVER NOW](#)

## Booking Your Hotel

Check In:



Check Out:



Guests:



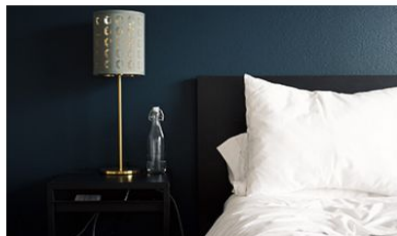
[CHECK AVAILABILITY](#)

# Room List page

## Our Rooms

[Home](#) > [Rooms](#)

Check In:  Check Out:  Guests:

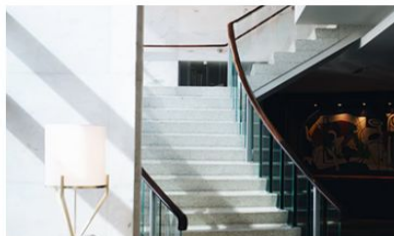


### Standard Room

**₩30000** /Pernight

Size: 30 ft  
Capacity: Max persion 2  
Bed: King Beds  
Services: Wifi, Television,  
Bathroom,....

[BOOK](#)

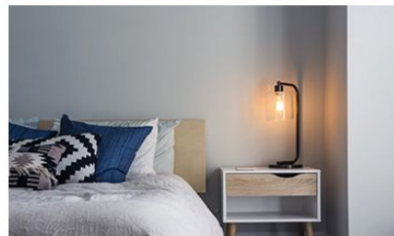


### Double Room

**₩50000** /Pernight

Size: 30 ft  
Capacity: Max persion 3  
Bed: King Beds  
Services: Wifi, Television,  
Bathroom,....

[BOOK](#)



### Premium Room

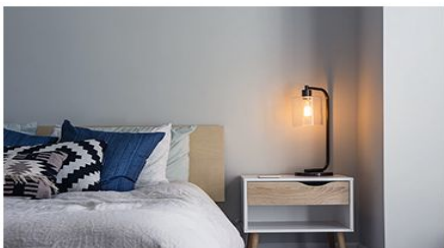
**₩100000** /Pernight

Size: 30 ft  
Capacity: Max persion 4  
Bed: King Beds  
Services: Wifi, Television,  
Bathroom,....

[BOOK](#)

Активация Windows  
Чтобы активировать Windows, перейди

# Room information page



## Premium Room

### Our Rate

**₩200000** /Total price



Check in:	2020-06-18
Check out:	2020-06-20
Size:	30 ft
Persons:	2
Bed:	King Beds
Services:	Wifi, Television, Bathroom,...

Sapien donec congue euismod vitae hymenaeos vel praesent litora hac lorem laoreet vehicula mauris interdum blandit ad euismod. Placerat ultrices venenatis.

Motorhome or Trailer that is the question for you. Here are some of the advantages and disadvantages of both, so you will be confident when purchasing an RV. When comparing Rvs, a motorhome or a travel trailer, should you buy a motorhome or fifth wheeler? The advantages and disadvantages of both are studied so that you can make your choice wisely when purchasing an RV. Possessing a motorhome or fifth wheel is an achievement of a lifetime. It can be similar to sojourning with your residence as you search the various sites of our great land.

## Your Reservation

이름:

전화번호:

주소:

이메일:

우편번호:

결제수단:

신용카드

결제방법:

이니시스

결제하기

Активация Windows  
Чтобы активировать Windows,



# Controller

```
@Controller
public class RoomController {

    @Autowired
    private RoomService roomService;

    @RequestMapping("/")
    public String home(Model model) {
        return "hotel/index";
    }

    @RequestMapping(value = "/search", method = RequestMethod.POST)
    public String searchRoom(ReservationDTO reservationDTO, Model model, HttpSession session) {
        List<RoomDTO> roomSearch = roomService.getAvailable(reservationDTO);
        model.addAttribute("search", roomSearch);
        session.setAttribute("reservationDTO", reservationDTO);
        return "room/roomList";
    }

    @GetMapping("/reservationRoom/{roomPerson}/{roomPrice}/{reservationStartDate}/{reservationFinishDate}")
    public String reserveRoom(@PathVariable("roomPerson") int roomPerson,
                              @PathVariable("roomPrice") int roomPrice,
                              @PathVariable("reservationStartDate") Date reservationStartDate,
                              @PathVariable("reservationFinishDate") Date reservationFinishDate, Model model) {
        List<RoomDTO> room = roomService.getOneRoom(roomPerson);
        int totalAmount = roomService.totalAmount(reservationStartDate, reservationFinishDate, roomPrice);
        model.addAttribute("room", room);
        model.addAttribute("totalAmount", totalAmount);
        return "room/roomReservation";
    }
}
```



# Room service

```
public List<RoomDTO> getOneRoom(int roomPerson) {
    return roomDao.getOneRoom(roomPerson);
}

public int totalAmount (Date reservationStartDate, Date reservationFinishDate, int roomPrice) {
    int daysBetwen = reservationDao.daysBetwen(reservationStartDate, reservationFinishDate);
    int money = daysBetwen*roomPrice;
    return money;
}

public List<RoomDTO> getAvailable( ReservationDTO reservationDTO) {
    Date reservationStartDate = reservationDTO.getReservationStartDate();
    Date reservationFinishDate = reservationDTO.getReservationFinishDate();
    int roomPerson= reservationDTO.getRoomPerson();
    List<RoomDTO> AvailableRooms = new ArrayList<RoomDTO>();

    int countReservationsS = reservationDao.getReservationsStandart(reservationStartDate, reservationFinishDate);
    int countReservationsD = reservationDao.getReservationsDouble(reservationStartDate, reservationFinishDate);
    int countReservationsP = reservationDao.getReservationsPremium(reservationStartDate, reservationFinishDate);
    int countReservationsF = reservationDao.getReservationsFamily(reservationStartDate, reservationFinishDate);
    int countReservationsSt = reservationDao.getReservationsSuite(reservationStartDate, reservationFinishDate);

    if (countReservationsS < 10 && roomPerson <= 2) {
        AvailableRooms.addAll(roomDao.getAvailableStandart());
    }
    if (countReservationsD < 10 && roomPerson <= 3) {
        AvailableRooms.addAll(roomDao.getAvailableDouble());
    }
    if (countReservationsP < 10 && roomPerson <= 4) {
        AvailableRooms.addAll(roomDao.getAvailablePremium());
    }
    if (countReservationsF < 3 && roomPerson <= 6) {
        AvailableRooms.addAll(roomDao.getAvailableFamily());
    }
    if (countReservationsSt < 2 && roomPerson <= 10) {
        AvailableRooms.addAll(roomDao.getAvailableSuite());
    }

    return AvailableRooms;
}
```

# Reservation mapper

```
<select id="daysBetween" resultType="int">
    SELECT DATEDIFF(#{reservationFinishDate}, #{reservationStartDate});
</select>

<insert id="roomReservation">
    INSERT INTO reservation(reservationStartDate,reservationFinishDate,totalAmount,roomPerson)
    VALUE(#{reservationStartDate},#{reservationFinishDate},#{totalAmount},#{roomPerson});
</insert>

<select id="getReservationsStandart" resultType="int">
    SELECT count(*) FROM hotell.reservation where reservationFinishDate>=#{reservationStartDate}
    and #{reservationFinishDate}>=reservationStartDate and roomPerson=2;
</select>

<select id="getReservationsDouble" resultType="int">
    SELECT count(*) FROM hotell.reservation where reservationFinishDate>=#{reservationStartDate}
    and #{reservationFinishDate}>=reservationStartDate and roomPerson=3;
</select>

<select id="getReservationsPremium" resultType="int">
    SELECT count(*) FROM hotell.reservation where reservationFinishDate>=#{reservationStartDate}
    and #{reservationFinishDate}>=reservationStartDate and roomPerson=4;
</select>

<select id="getReservationsFamily" resultType="int">
    SELECT count(*) FROM hotell.reservation where reservationFinishDate>=#{reservationStartDate}
    and #{reservationFinishDate}>=reservationStartDate and roomPerson=6;
</select>

<select id="getReservationsSuite" resultType="int">
    SELECT count(*) FROM hotell.reservation where reservationFinishDate>=#{reservationStartDate}
    and #{reservationFinishDate}>=reservationStartDate and roomPerson=10;
</select>
```

# Room mapper

```
<select id="getOneRoom" resultType="bit.camp.com.model.VO.room.RoomDTO">
    select * from room where roomPerson=#{roomPerson} limit 1;
</select>

<select id="getAvailableStandart" resultType="bit.camp.com.model.VO.room.RoomDTO">
    SELECT * FROM room where roomPerson=2 limit 1;
</select>

<select id="getAvailableDouble" resultType="bit.camp.com.model.VO.room.RoomDTO">
    SELECT * FROM room where roomPerson=3 limit 1;
</select>

<select id="getAvailablePremium" resultType="bit.camp.com.model.VO.room.RoomDTO">
    SELECT * FROM room where roomPerson=4 limit 1;
</select>

<select id="getAvailableFamily" resultType="bit.camp.com.model.VO.room.RoomDTO">
    SELECT * FROM room where roomPerson=6 limit 1;
</select>

<select id="getAvailableSuite" resultType="bit.camp.com.model.VO.room.RoomDTO">
    SELECT * FROM room where roomPerson=10 limit 1;
</select>
```

# Search form

```
<form action="search" method="post">
  <div class="booking-form">
    <label for="date-in">Check In:</label> <input class="date-input"
      id="date-in" type="text" name="reservationStartDate"
      required="required" value="${reservationDTO.reservationStartDat
    <label for="date-out">Check Out:</label> <input class="date-input"
      id="date-out" type="text" name="reservationFinishDate"
      required="required" value="${reservationDTO.reservationFinishDa
    <label for="guest">Guests:</label> <input type="number"
      name="roomPerson" required="required"
      value="${reservationDTO.roomPerson}">
    <button type="submit">search</button>
  </div>
</form>
</div>
```

# Date picker script

```
$([function() {  
  let minDate = new Date();  
  $('#date-in').datepicker({  
    showAnim : 'drop',  
    numberOfMonth : 1,  
    minDate : minDate,  
    dateFormat : 'yy-mm-dd',  
    onClose : function(selectedDate) {  
      $('#date-out').datepicker("option", "minDate", selectedDate);  
    }  
  })  
  
  $('#date-out').datepicker({  
    showAnim : 'drop',  
    numberOfMonth : 1,  
    minDate : minDate,  
    dateFormat : 'yy-mm-dd',  
    onClose : function(selectedDate) {  
      $('#date-out').datepicker("option", "minDate", selectedDate);  
    }  
  })  
})
```