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|  | Use Case Design for Hotel Room Reservation |
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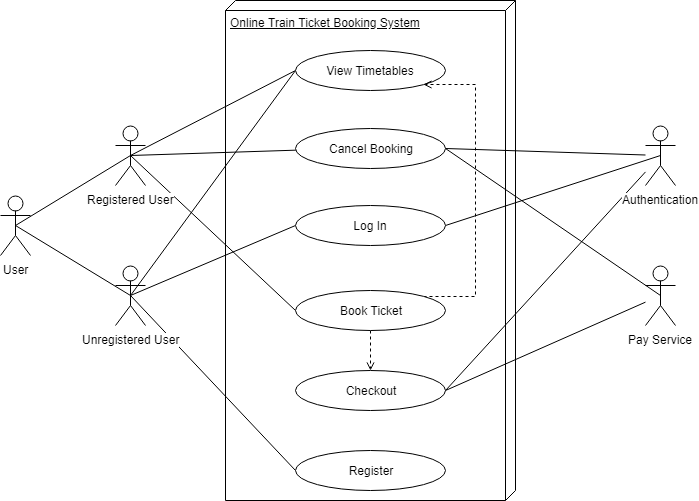
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Hotel Room Availability System

# Overview

This is a use case design for a hotel booking system. The bookings are made direct through the hotel in person or via telecommunications and all bookings are confirmed by an existing employee of the hotel.

# UML Diagram



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# Use Cases

## View Available Rooms

* User log onto website
* User enters info of a room they want
* Database is searched to see availability of matching rooms.
* The user is presented with resulting room that are available.
* The user can then choice to book a selected room or if they are already a gust (has a booking) can choose to change room
* Relived extend use case is carried out.

## Book Room

* The user enters the info for there stay
* The specified room is marked as taken whiten the database
* The user bill is created with info to reflect the booking

## Change room

* the specified room is marked as taken whiten the database
* the user booking is amended

## Prepare Booking

* Staff is notified of the room that has been booked
* Before the booking start date the room will be checked to see if it has been prepared for use
* If the room is not prepared the staff will cleaned and prepared for the stay
* The staff updates the rooms state in the database.

## Amend Booking

* Change info is taken in (room change or stay duration change)
* The changes are made to the booking
* the users bill is amended

## Amend bill

* Change info is taken in (payoff, increase what is owed, reduce what is owed)
* The changes are made to the bill

## Make Payment

* The user specifies how much to pay
* The money to taken.
* The bill is amended

## Cancel Booking

* the users bill is amended
* the room is changed to vacant
* the booking is removed from the database