

Hotel booking system

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<https://github.com/aturret/CS-546-Final-Project>

Introduction

A hotel booking platform website where tourist users can book hotels, write reviews, and rate hotels. And for hotel managers, they can register new hotels to our website and manage the booking requests.

Core Features

- Landing page
 - Title and description of our website
 - A search bar which can search keywords by city name or hotel name
- Search result page
 - Show a list of hotels filtered by search.(e.g. which locates in the given city or whose name includes the given hotel name or which has remaining rooms for the selected room type)
- Individual hotel page
 - Show basic information of a hotel: Name, location, average rating, room type.
 - Show a list of reviews
 - Sorting function
 - If you are logged in:
 - Write reviews
 - Book a room(enter hotel booking page)
- Hotel booking page
 - Show a list of available rooms
 - Book a room
- User profile page
 - Create new users
 - Log in and log out
 - Edit password, nickname, and photo
 - Show reviews & rate
 - If you are a normal user:
 - Apply for upgrading to hotel manager account
- Booking page
 - Show a list of bookings
 - Sort or filter by some conditions, such as date, order status
 - Cancel the reservation before the deadline

- Hotel manage page
 - Only available to hotel manager account and admin account
 - Edit information of existing hotels and orders(add, modify and delete)(available rooms, etc.)
- Booking request manage page
 - Only available to hotel manager account and admin account (The query procedure for mgr and admin may be different in implementation)
 - Show a list of booking
 - Cancel or modify bookings.
- Hotel registration manage page
 - Only available to admin account
 - Edit information of hotels(add, modify and delete)
 - Assign manager accounts to a existing hotel

Extra Features

- Hotels information
 - Show a local map of the hotel by embedded Google map in individual hotel pages
- Booking manage
 - Edit booking details(Change to a new room, etc.)
 - Booking cache: users can hold the booking in a temporary status. Like the “cart” for a shopping website.
- Advanced hotel manage
 - Change of basic information of a hotel(name, location, etc.) must be approved by admin users.
- Favorite System
 - Users can collect their favorite hotels in collection