

Hotel Reservation System

Firstly, I would like to thank our sir/trainer who gave us an amazing opportunity to learn about the framework. And, guided us throughout the learning process. This project is one of the very first I have ever built which included a full coverage of backend and frontend.

The project was created following the instructions provided. The project is aimed to build a complete hotel reservation system where users can book and admin can check separately.

Using the system

How to use the system?

Either can be accessed by creating a database named "hotel_reservation" and running migration and db:seed for super admin access.

Using a fresh database, users will have to firstly create room types and rooms accordingly for displaying in the frontend.

Importing the xampp database tables

This was only few necessary commands of Laravel are required. Just create a database named "hotel_reservation". No need to create room types as they are already available. This also includes few pre-bookings by a user

- HTML, CSS, JavaScript
- jQuery
- Bootstrap templates (Admin Panel/User Panel)
- Laravel
- Xampp

Features

The project has a backend and frontend panel.

Some features of the following system:

Frontend

Frontend: <http://127.0.0.1:8000/>

User can login and register accordingly

They can book the room of their choice currently available in Kathmandu and Pokhara only.

The jQuery detects if the check in date required for the user is available for the proposed room.

Different users can book the same room on different days. i.e., a booking on 21-22 march won't have effect on other booking on 23 march.

Users can easily change their profile.

A payment portal is created where after booking users can either insert their card number or proceed to pay later at the time of check in.

Users can themselves cancel their booking ahead of time.
Users can check in on the date mentioned through the website.
Users can also checkout whenever they want after check in till their check out date.
The room cards or display are only shown if room types are inserted from the backend.
The looking for places in Kathmandu/Pokhara is hidden if not room types are specified/stored from backend.

Backend

Backend: <http://127.0.0.1:8000/annapurnahotel/admin/dashboard>

Admin panel where super admin is seeded through Laravel.

the super admin cannot be deleted from the admin panel. Only people with access to the database can remove the super admin.

Super admin can create new super admins/ admins from the admin panel.

Super admin can create/edit/delete new admins only from the admin panel.

Admin do not have privileges to create a superuser.

Admin panel has CRUD function for rooms, bookings, customer, room types, payments and Admin.

Dashboard shows a glance of number of rooms, bookings, customer, room types, payments and Admin.

Also, additionally previews recent check-in/outs and also missed check-ins.

Customers cannot checkout if payment is not made. And, other features can be explored.

Commented [RS1]: