Booking Room In Big By Orange

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Introduction:

The management and booking of rooms in large buildings is a tedious and complicated task. the possibility to choose between different dates and times is the reason
why a good booking system is needed to make this task as easy as possible.
The basic functionality of the system is to keep track of rooms in different
buildings, reservations of rooms, and different types
of users.
 Reservations of the rooms should be visualized to the user in a simple and intuitive way.
A booker should be able to reserve and cancel his/her own bookings and should be able to search for a room with a certain property like size, start time, and end time.

There should be an administrator that can administer the whole system through the interface without writing any SQL queries.

This includes the management of add, edit, and delete functions for every entity in the system including new users and their privilege management.

The system should be a complete content management system for handling the reservations of rooms, and users.

Among the services provided by Orange are business incubators. Business incubators provide several services, including the use of halls to hold meetings, activities, and others. In order to provide for hall reservations, the idea of building a site for arranging hall reservations was raised.

The Booking System is great for booking and making appointments or schedule appointments for all professional and business entrepreneurs.

Booking System Administrator will be able to control the entire system. They will have a login screen and once they login into their dashboard they will manage all the things i.e. site settings, change password, user management, booking management.

Our Awesome Features

- **User Dashboard**
- **Admin Dashboard**
- **login screen**
- **Profile & Change Password**
- **Booking/Reservation Calendar**
- **Bookings List/History**
- **Export Bookings**
- **Users Management**
- **Bookings Management**

Technologies

- **Laravel 7**
- **Bootstrap Orange**
- **MySq**

Obstacles

- booking room and the relationship.
- There are not many resources on the Internet for Laravel 7 as it is a new release.

Security

- Cross-Site Request Forgery (CSRF) Protection on Laravel.
- Strong password: Hashing A Password Using Bcrypt.
- Authenticating Users.

Database Diagram: