**Medical Service Network**

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**Coding Academy by Orange**

**Introduction:**

The management and booking appointments in private clinics are 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 main function of the system is to keep track of appointments in private clinics, bookings of appointments suitable for the user, and different types of private clinics.

Booking appointments in private clinics should be visualized to the user in a simple and intuitive way.

The person making the reservation must be able to book and cancel his/her reservations and must be able to search for a clinic with certain characteristics such as the distance of the clinic from its location, the doctor must be good.

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 booking appointments in private clinics, and users.

There is a responsible person in the clinic to monitor the booked appointments, and the information about the users.

The Booking System is great for booking and making appointments or schedule appointments for all who want to go to private clinic.

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.**
* **Search of best private clinic in your area.**
* **Profile & Change Password.**
* **Booking/Reservation Calendar.**
* **Bookings List / History.**
* **Export Bookings.**
* **Latest offers in clinics.**
* **Users Management.**
* **Evaluate the clinic, and give your opinion about it**
* **Bookings Management.**

# Technologies

* **Laravel 7.**
* **Bootstrap..**
* **MySql.**

# Obstacles

* **booking appointments 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.