



PRESENTATION ON PROJECT REPORT

Connect2YourDoctor

Guided By :-

Mrs. Bakul Joshi

Presented By :-

Vikas Dandge

Niraj Narawade

Mrunal Zanzane

Mayuresh Lathkar



INDEX : -

- Introduction
- Architecture
- Technology platform used for project
- User roles and responsibilities
- Future extensions or scope
- Conclusion



Introduction :-

Purpose :- The purpose of our Project “Connect To Your Doctor” is to automate the process of getting medical treatment and health checkup in a way that saves both time and effort. It manages all the information of patient and doctors. The project is developed at administrative end and thus only the administrator is guaranteed to have access to everything. The purpose of this project is to create a web application that reduces the manual efforts of looking for a doctor and booking appointments.



Need :- During pandemic Covid-19 was on high priority and almost all doctors were on duty at Covid-19care centers which lead to negligence towards other diseases. Many patients suffered amidst pandemic due to unavailability of doctor's appointment. Lockdown restrictions made it more difficult to get information about available appointment slot and doctor's availability. Conventional medical treatment and health checkup is proven to be not feasible in these pandemic like situations. There has to be some virtual medium which will provide ease to both patients and doctors.



Architecture :-

Front End :- React JS, Bootstrap

Back End :- Java, Spring Boot REST SPI, JPA

DataBase :- MySQL



Reason for selecting the specific technology :-

- React allows developers to create large web applications that can change data, without reloading the page. The main purpose of React is to be fast, scalable, and simple. It works only on user interfaces in the application.
- Spring Boot provides a flexible way to configure Java Beans, XML configurations, and Database Transactions. It provides a powerful batch processing and manages REST endpoints. In Spring Boot, everything is auto configured; no manual configurations are needed.



User Roles And Responsibilities :-

ConnectToYourDoctor System consists of three roles described as below :-

1. Admin
2. Doctor
3. Patient



Admin :-

1. Login Process
2. New Doctor Registration Process
3. View Patient List
4. View Doctor List
5. Manage Account
6. Manage Location



Doctor :-

1. Login Process
2. Forgot Password
3. Change Password
4. Check Active Appointment
5. Update Slots
6. Update Profile
7. Cancel Appointment
8. View Appointment History



Patient :-

1. Registration Process
2. Login Process
3. Forgot Password
4. Change Password
5. Update Profile
6. Search Doctor
7. Book Appointment
8. Check Appointment Status
9. Cancel Appointment
10. View Appointment History



Future extensions or scope :-

- We can add Online Consultation and online fee payment
- Home visit of doctor
- Blood Bank
- Pathology (Home Service)



Conclusion :-

Internet is changing the world. Though it is not possible to entirely switch the healthcare sector to online mode. But definitely it can help in bridging the gap between Patient and Doctor. Our project Connect2YourDoctor serves the purpose of bridging the gap. It makes easy for the patient to search for the doctor in his/her locality or in any other locality. Addition to this patient can also search for the doctor based on the doctor's specialty.

