**Project Proposal**

**On**

**Doctor Appointment Management System**

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**1.Introduction**

The project Doctor Appointment System is to provides patients or any customer an easy way of booking a doctor’s appointment. This system overcomes the issue of managing and booking appointments according to customer’s choice or requirements. In this project customers can view many booking slots available and select the preferred date and time. The already booked space will be marked red and will not be available for anyone else for the specified time. This system also allows users to cancel their booking. This system also allow patients as well as doctors to update their details anytime.

The Administrator can add doctors and can see all appointments. Admin have a authority of to remove patients as well as doctors from their database.

**2. Motivation**

Sometimes the task becomes very tedious for the compounder or doctor himself in manually allotting appointments for the customer as per their availability. The patients faces many problem while requesting a appointment. Hence this project offers an effective solution where customers can view many booking slots available and select preferred date and time. Therefore we came with this project.

**3. Proposed Technologies**

**1. MongoDB :**MongoDB is a document database with the scalability and flexibility that you want with the querying and indexing that you need

**2. Express :**Express.js is a Node js web application server framework, which is specifically designed for building single-page, multi-page, and hybrid web applications.

**3. Angular 7:** Angular 7 is considered as a frontend framework.

**4. Node js :**We are using Node js as backend technology. It isan open source server environment. It uses java script on server.

The combination of these four technologies is called **‘MEAN’.**

**HTML :**For user interfaces

**CSS** : For making interfaces more attractive and stylish.

**Bootstrap 4:** For make website responsive.

**4. Module To be Define**

**A)Patients**

1. Can browse through doctor’s profile

2. View history of old appointments

3. Add/Change personal information

4. Signup/ Login

5. Can book an appointment at the flexible date and time.

6. Can cancel an appointment.

**B) Doctors**

1. Can create have their own profile page.

2. Can edit their information from profile area.

3. Can edit their schedule

4. Signup/Login

5. Can confirm or decline an appointment

**C) Administrators:**

1. Can manage doctor list

2. Can manage doctor’s time offs

3. Can manage appointments

4. Can view appointments statistics

5. Can manage patients list

**5. Flow chart**

(start)

**6. Audience Target**

Mainly we are trying to target the patients and doctors as our audience. From this project patients as well as doctors get benifitaed.

**7. Future Scope**

As the number of patients are increasing day by day with unhealthy lifestyle trends in India the need of doctors are also increasing to a great extent for health problem consultation. But it is sometimes not possible for the healthcare seekers to get doctor appointments at their desired time and date due to patient queues and doctor availability. Here [online doctor appointment booking](http://www.bookmydoctor.org/) websites like [Book My Doctor](http://www.bookmydoctor.org/) plays a significant role and as a platform for joining the patients with their specialised doctors at their desired time and date.So the scope of online doctor appointment is higher and for that there should be much more reliable and user frindly interface and websites.

**8. Refrences**

1.[www.mongodb.com](http://www.mongodb.com)

2. <https://angular.io>

3. <https://nodejs.org>

4.https://www.w3schools.com