

Project Proposal for the Degree of B.Sc. Engineering

Doctor's Profile:

Web Applications

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Project Description:

Doctor's Profile is a web app that helps us to conservations, maintenance and analysis doctors and patient's medical history. Primarily this app provides three section that's are doctors, patients and hospitals profile. Doctors section have doctor profile that have doctor's primary information's and their skills here also have rating section for some questions that are created by himself. As a result, doctors can justify which types of patients getting best result by him. For example, an Urology specialist doctor who treats patients with various diseases of the urinary system such as urethra, prostate, stones, kidneys, etc. By rating system doctor can identify their strength and weakness of medical section. And Patients sections, patients can search doctor which types of doctor he needs and also can see doctor profile and his best skills by rating section.

This is full stack web applications. For making the front-end we will use the most popular front-end Javascript library **ReactJs**. Also, we will use **Redux** for state management, and **Redux-thunk** for asycronus request handling and use HTML, CSS and CSS frame-work **Bootstrap**, Reactstrap and **Matetial** UI. And we will use so many third party Javascript library. We will use **Node runtime environment** with Nodejs framework **Express** and use **Mongobd** database for storing all necessary information. To connect mongobd and express app we will use third party Javascript library mongoose.

Features:

- The most scalable and attractive user interface.
- Doctor profile.
- Patients profile.
- Hospitals profile.
- Searching doctor .
- Storing all medical history.
- Analysis medical history

