



Department Research Component

Submitted as Mini Project for Database Management Systems - Semester
IV

BACHELOR OF TECHNOLOGY

in

Computer Science and Engineering

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Abstract

Objective of this project is to create a website that can access a hospital database from anywhere, anytime which can help the admin to run a hospital smoothly. Without having to stand in the long queues a patient can book an appointment prior via this web site. Also, you can check the available appointments for a specific doctor.

Provide the doctors available, available appointment timings for each doctor. The details of the nurses and other support staff of the hospital can be obtained along with their room details in the hospital.

Patient can check the availability of doctors and book their appointments accordingly.

Tools Used

PostGreSql, MySql, JQuery, Bootstrap, AJAX, PHP.

Tools/APIs which can be used for better performance

Django - A python based backend framework which could have simplified extraction and thus input of data into tables.

React - A web frontend framework which would have made it easy to accomplish UI designing for display of query results.

Outcomes

- A web site to manage a Hospital's data base.
- Book appointments from anywhere, anytime.
- Book appointments based on the availability of the specific doctors.
- Admin can view the details of all employees of the hospital and manage and make changes in their details when necessary.