

City HealthCare Provider

Project name: CityHealthcare Provider

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Github: <https://github.com/syedmahvish/CS-545-HealthCare-Repo>

Description:

The idea of healthcare provider application is to allow users to book online doctor's appointment through the website.

Core Features:

1. Book doctor's appointment.
2. Search by doctor and hospitals.
3. Allow patients to make notes on what needs to be asked to a doctor prior to appointment.

Main Page:

Access to list of all doctors using "Find doctor now". Specialist Doctors are displayed on main page with icon for each eg. Primary care, Dentist etc. User will be able to see the list of doctors under each speciality. User can locate and find all hospitals in New Jersey Easy access to "Help" and "Covid-19 information"

User 's Management:

Login, SignUp, Forgot Password, Reset Password.

Search Feature:

Search By doctor: User will be able to see the listings of doctors. User will be able to search doctor by speciality.

Search by Hospitals: User will be able to search hospital to find the doctor.

Appointment book feature:

Book Appointment: User will be able to book appointment.

View Appointments: Allow users to view all of their appointments.

Edit Appointment: Allow users to edit date of the appointment and hospital in which doctors work.

Cancel Appointment: User will be able to cancel the appointment.

Security handling:

Login Authentication, data security.

#Extra Feature Add notes: Allows user to make a note to any of their appointments.

Technology dependency

To view application code: Access to Github account. To run application and its dependency : Visual studio code. Browser : Google chrome, Firefox, Safari to view application.

Installation

1- Download Project from provided github link: <https://github.com/syedmahvish/CS-545-HealthCare-Repo> 2- Open Visual studio Code:

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1- Open project using File-> Open -> Select project
2- Install dependency : Select Terminal -> new Terminal
    1- Install dependency using below command:
        To start execute "npm install" to install dependencies
    2- Setup Backend (Collections= users, doctors, hospitals, appointments)
        To seed file "npm run seed"
    3- Finally run project :
        To run execute "npm start"
3- Open browser and got to address : "http://localhost:3000/"
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Future scope:

Book lab tests: user will be able to book the lab test based on uploaded doctor prescription.