



DOCTORS APPOINTMENT BOOKING



Objective

The primary objective of this project is to develop a comprehensive and user friendly web application that facilitates the online booking of doctor appointments. The system is designed to bridge the gap between patients and healthcare providers by offering a digital platform where users can conveniently search for doctors based on specialization, view their profiles, check availability, and book appointments without the need to visit the clinic physically. This reduces waiting time, enhances user convenience, and ensures better time management for both patients and medical professionals.

The application also aims to support doctors and clinic administrators by automating the scheduling process, minimizing appointment conflicts, and improving overall operational efficiency. By maintaining digital records of appointments and doctor details, the system enhances transparency and reliability. Ultimately, the project seeks to modernize the traditional appointment process, making healthcare services more accessible, organized, and efficient for all users involved.

Language used

>> For Frontend

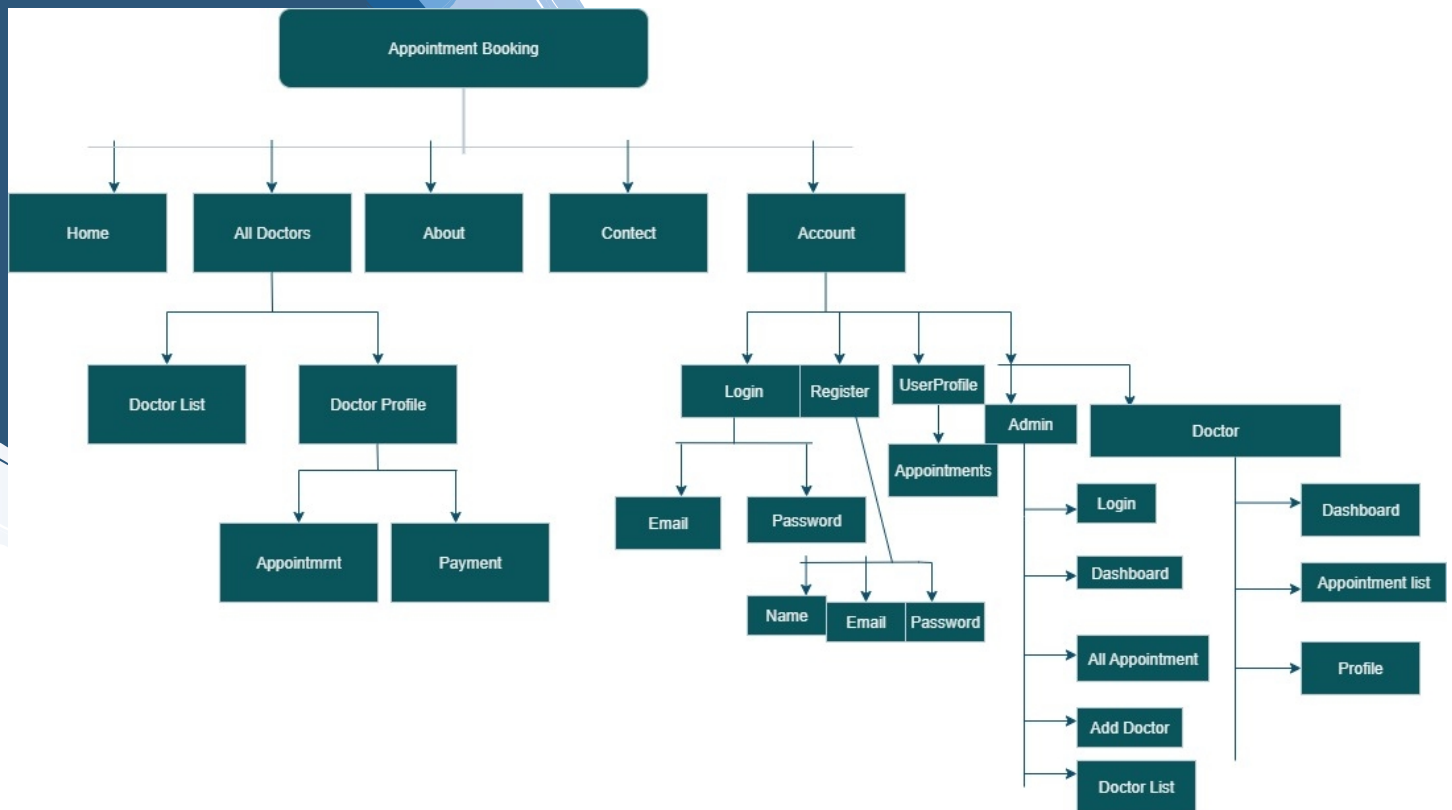
- HTML , CSS
- JavaScript
- React(for UI)

>>For Backend

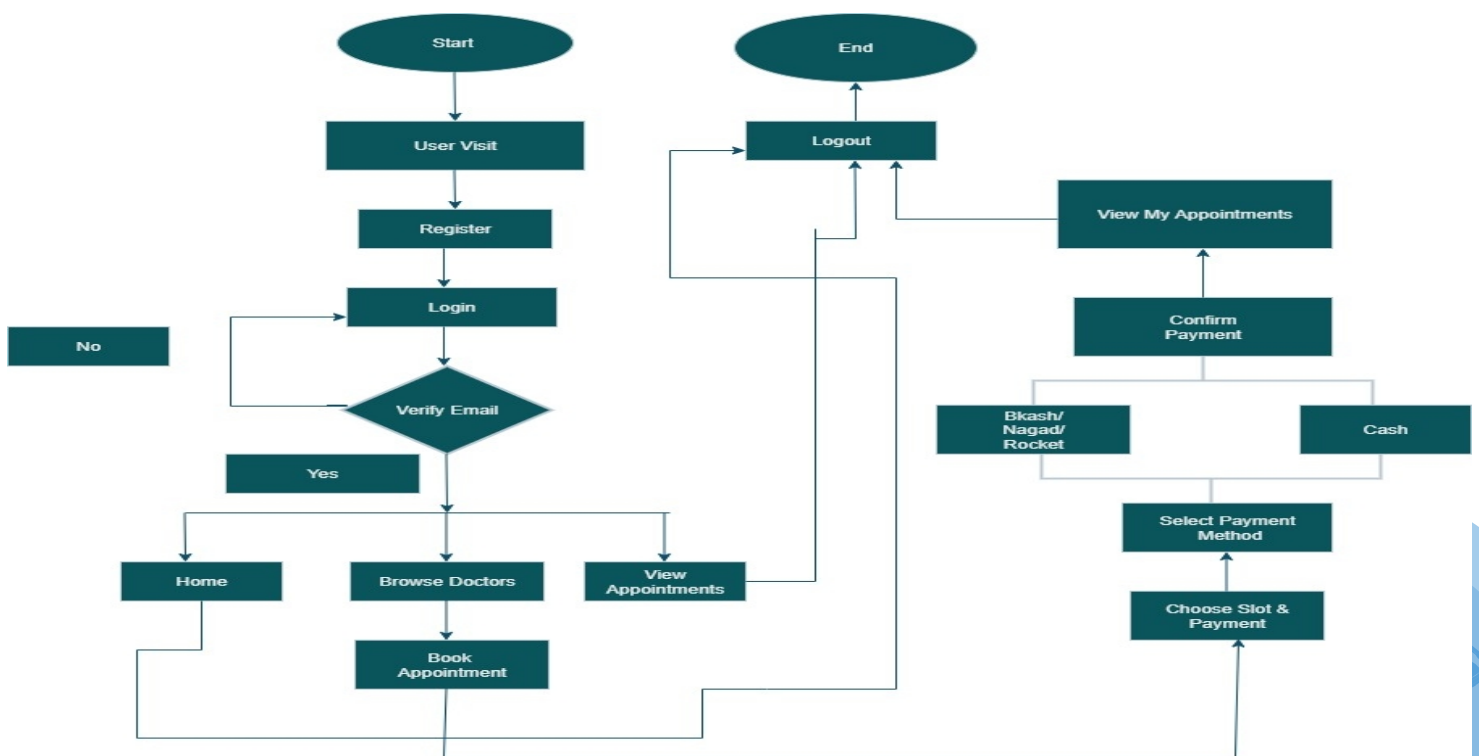
- JavaScript(Node.js +Express)
- MongoDB (for database)

Flowchart

»» Frontend

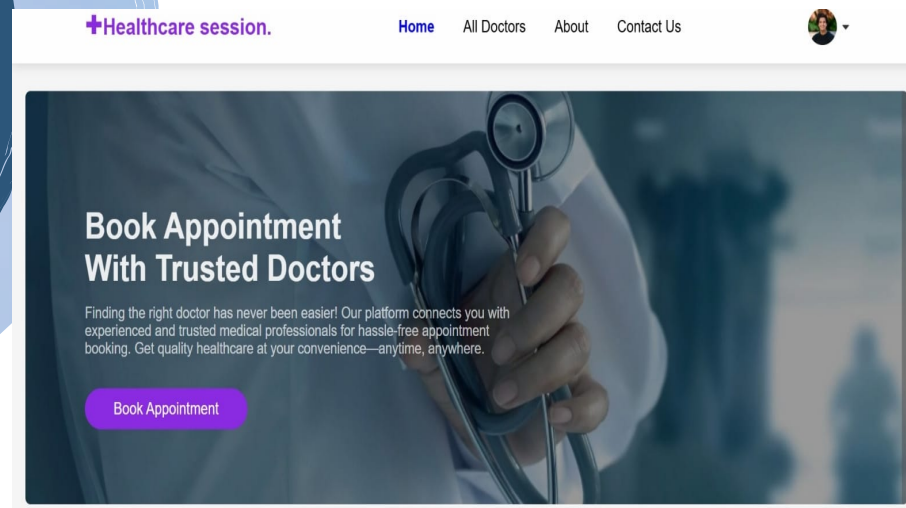


»» Backend

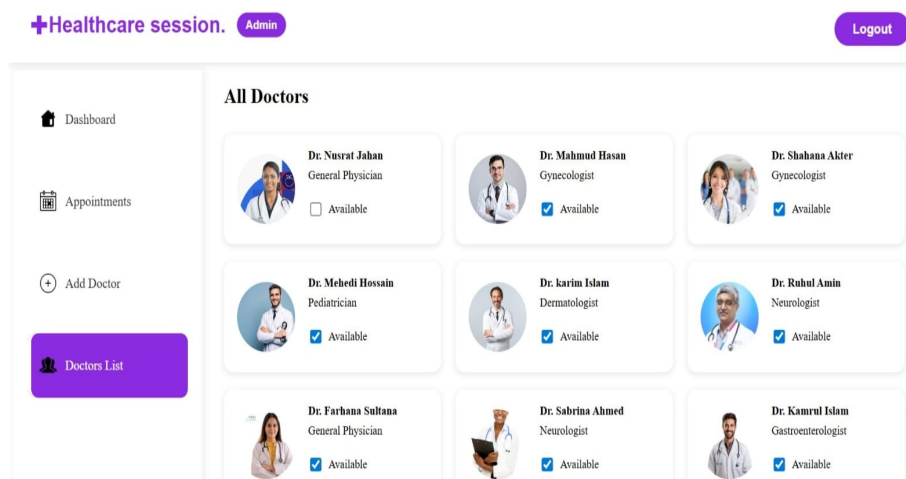


Here are some glances of our project

Home page >>>



All Doctors >>>



Dashboard

Appointments

Profile



Dr. Laila Yesmin Suma

MBBS - Dermatologist

4 Year

About:

Specializes in acne, skin allergies, and cosmetic skin care.

Appointment fee: ₳ 500

Address:
Mirpur,Dhaka

☒ Available

Edit



Browse Through The Doctor Specialist

Genral Physician

Gynecologist

Dermatologist

Pediatrician

Neurologist

Gastroenterologist



Not Available

Dr. Nusrat Jahan
General Physician



Available

Dr. Mahmud Hasan
Gynecologist



Available

Dr. Shahana Akter
Gynecologist



Doctors profile >>>

Specialist >>>

Patient's profile >>>

+Healthcare session.

Home All Doctors About Contact Us



Sakib Khan

CONTACT INFORMATION

Email ID : sakib@gmail.com
Phone : [01776654531](tel:01776654531)
Address : 32 no road Dhaka

BASIC INFORMATION

Gender : Not Selected
Birthday : 2002-05-24

Patient's appointments >>>

+Healthcare session.

Admin

Logout

Dashboard

Appointments

Add Doctor

Doctors List

All Appointments

#	Patient	Age	Date & Time	Doctor	Fees	Actions
1	Sadia Islam	25	28 Jun 2025 , 08:00 PM	Dr. Nusrat Jahan	₳500	Cancelled
2	Sadia Islam	25	29 Jun 2025 , 10:00 AM	Dr. Nusrat Jahan	₳500	Completed
3	Sadia Islam	25	30 Jun 2025 , 10:00 AM	Dr. Shahana Akter	₳700	Cancel
4	Sadia Islam	25	1 Jul 2025 , 10:00 AM	Dr. Nusrat Jahan	₳500	Completed
5	Sadia Islam	25	3 Jul 2025 , 08:00 PM	Dr. Nusrat Jahan	₳500	Completed

Create and login page >>>

Healthcare session.

Home

All Doctors

About

Contact Us

Create Account

Create Account

Please sign up to book appointment

Full Name

Email

Password

Create Account

Already have an account?[Login Here](#)

Are you Admin?[Click Here](#)

Healthcare session.

Home

All Doctors

About

Contact Us

Create Account

Login

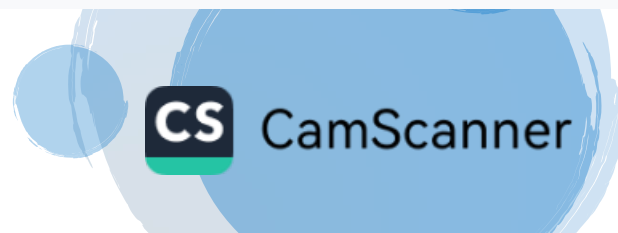
Please log in to book appointment

Email

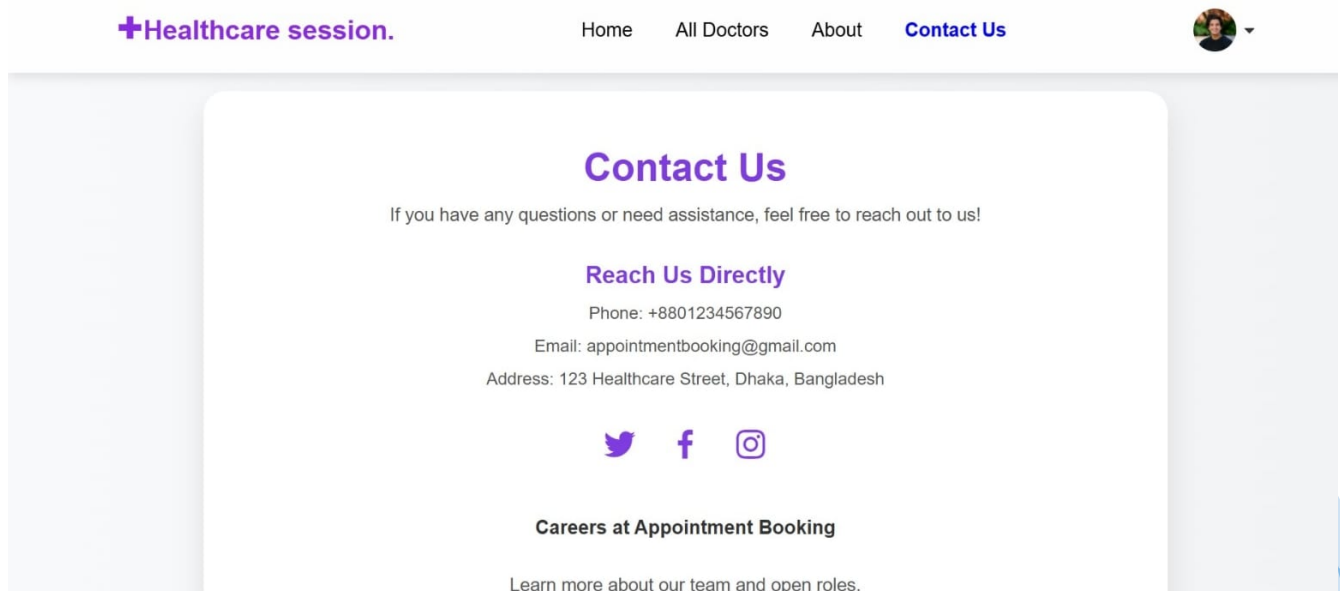
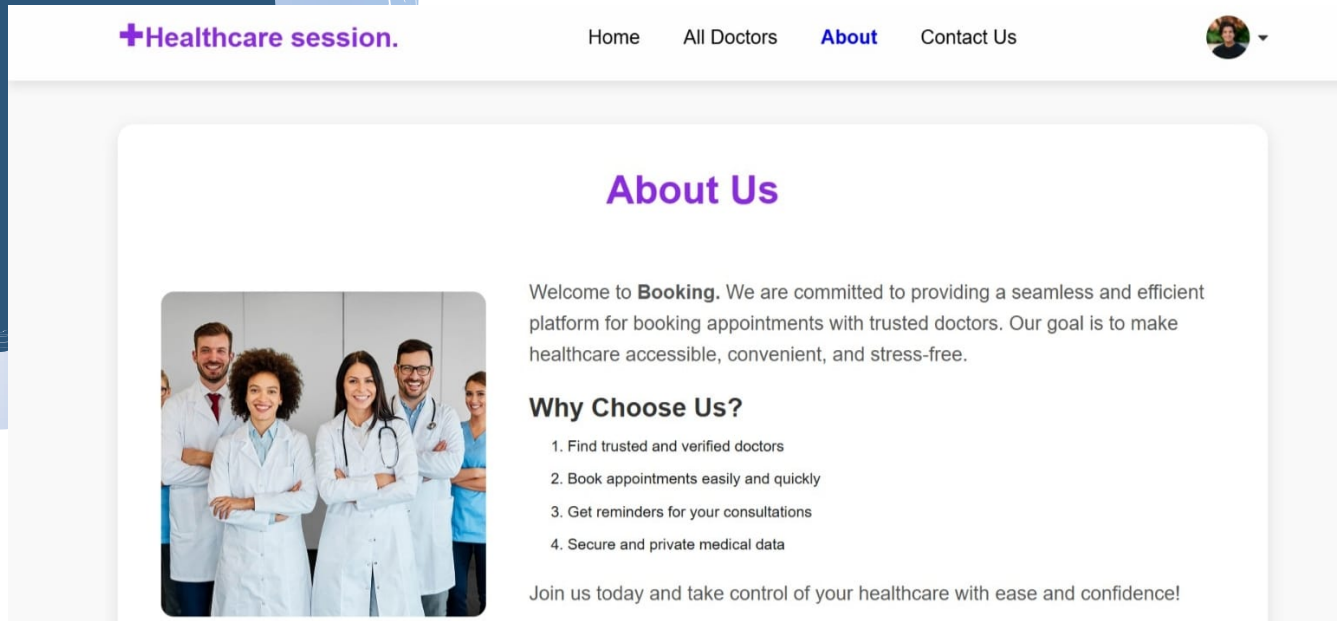
Password

Login

Haven't created an account? [Click Here](#)



About us and contact us page >>>



Member's Contribution

Sadia Islam Nowrin

C231438

Frontend :Home, All-Doctor

**Backend :All Appointments, profile (user,admin, doctor),
Admin and Doctor panel,
Appointment manage.**

Afrina mamataj

C231455

**Frontend : About us, contact us, login and
create account.**

**Backend : Login, Create account, Admin login,
Doctor login**

Conclusion

The Doctor's Appointment Booking effectively addresses the common challenges faced in traditional appointment scheduling, such as long waiting times, manual errors, and lack of accessibility. By offering a user-friendly digital platform, this system streamlines the process of booking, rescheduling, and canceling doctor appointments. Patients can conveniently access doctors' availability and manage their healthcare visits from anywhere, while doctors and clinic staff benefit from organized schedules and reduced administrative workload.



CamScanner