



AmazeCare

Fullstack Healthcare Application

Agenda

Project Overview

Technologies Used

Modules

Controllers

Workflow

Er-diagram

User Interface

Testing

Conclusion

Project Overview

- AmazeCare is a comprehensive solution designed to transform the way medical facilities operate and serve their patients. AmazeCare aims to streamline patient management processes and optimize administrative tasks.

Key features:

- 1. Efficient Appointment Booking:** Enable patients to schedule appointments online, reducing waiting times and enhancing patient satisfaction.
- 2. Comprehensive Medical Records:** Digitally store and manage patient medical records, ensuring easy access for healthcare providers and seamless continuity of care.
- 3. Administrative Automation:** Simplify administrative tasks such as managing medical and staff records, freeing up valuable time for healthcare professionals to focus on patient care.

Technologies Used

- **Frontend:** React.js
- **Backend:** Node.js and Express
- **Database:** MySQL
- **Authentication:** JSON Web Tokens (JWT)

These technologies power AmazeCare, enabling a seamless and secure healthcare management experience.



Modules

Patient

Doctor

Admin

Appointment

Medical Records

Prescription

Controllers

PatientController

- GetAllpatients()
- Getpateintbyid()
- UpdatePatient()

DoctorController

- GetAlldoctors()
- Getdoctorbyid()
- Updatedoctor()
- Deletedoctor()

AppointmentController

- GetAllappoint()
- Getappointbyid()
- Updateappoint()
- Reschedule()

UserController

- doctorregister()
- patientregister()
- login()

Pres.Controller

- Createpres.()
- GetAllpres.()
- Getpres.byid()
- Updatepres.()

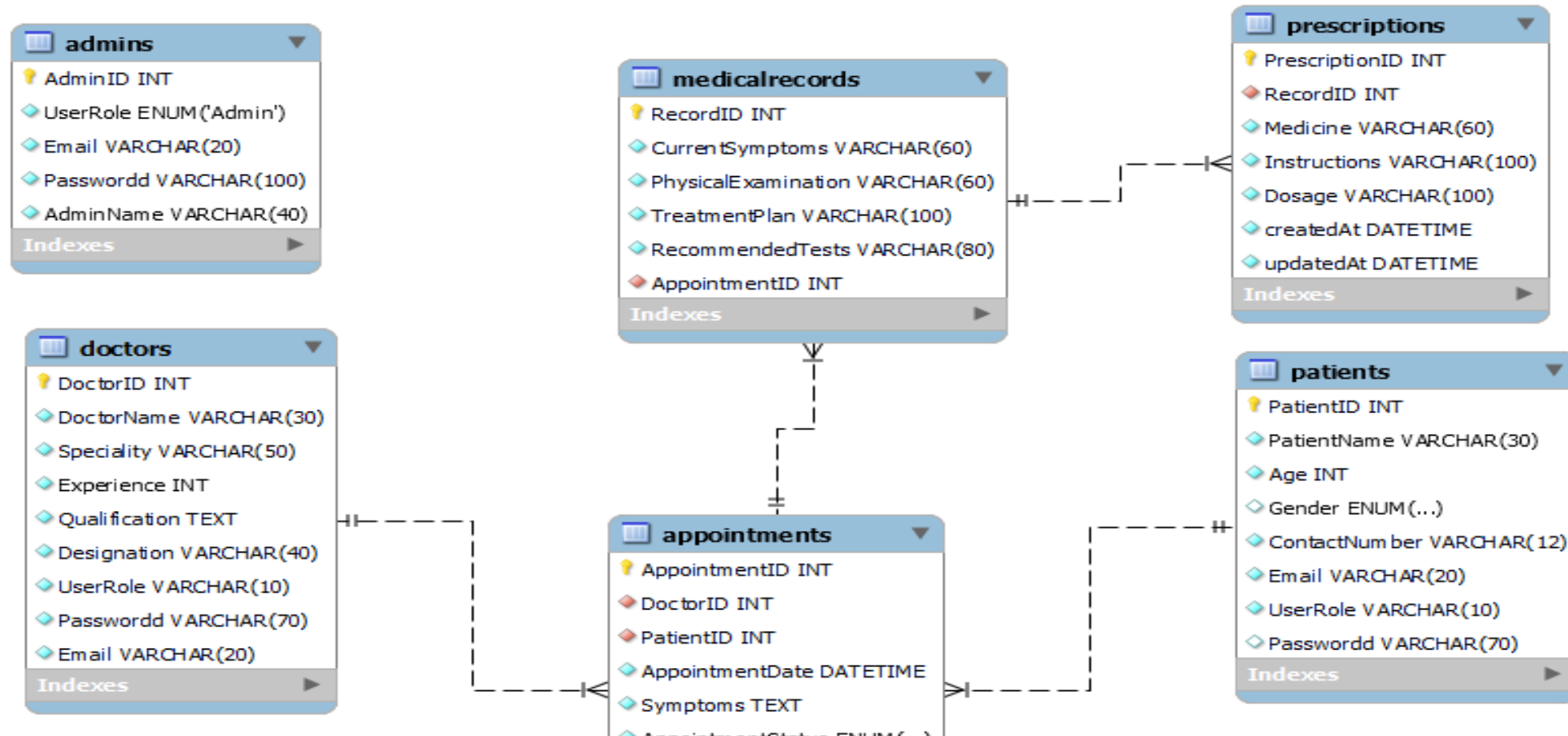
RecordController

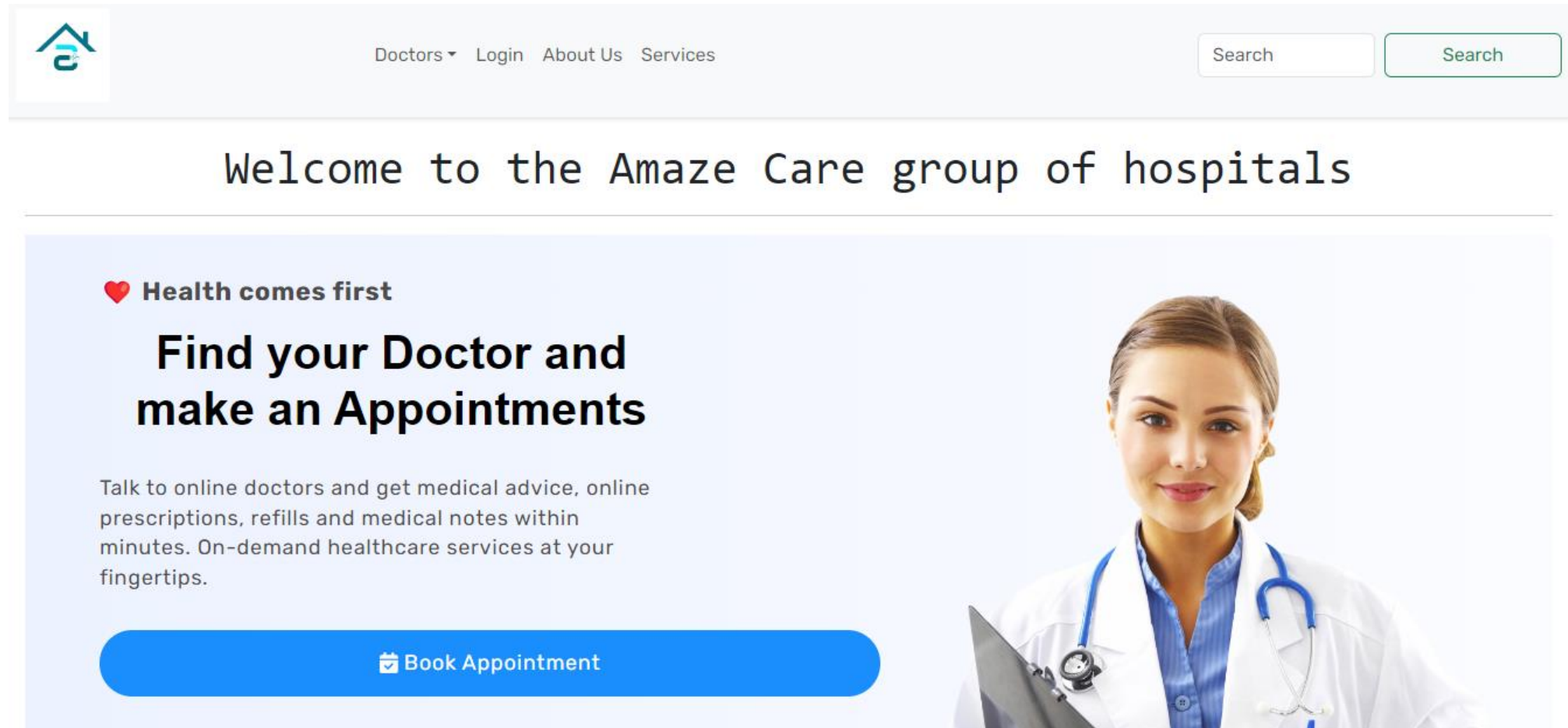
- Createrecord()
- GetAllrecord()
- Updaterecord()
- Deleterecord()

Workflow



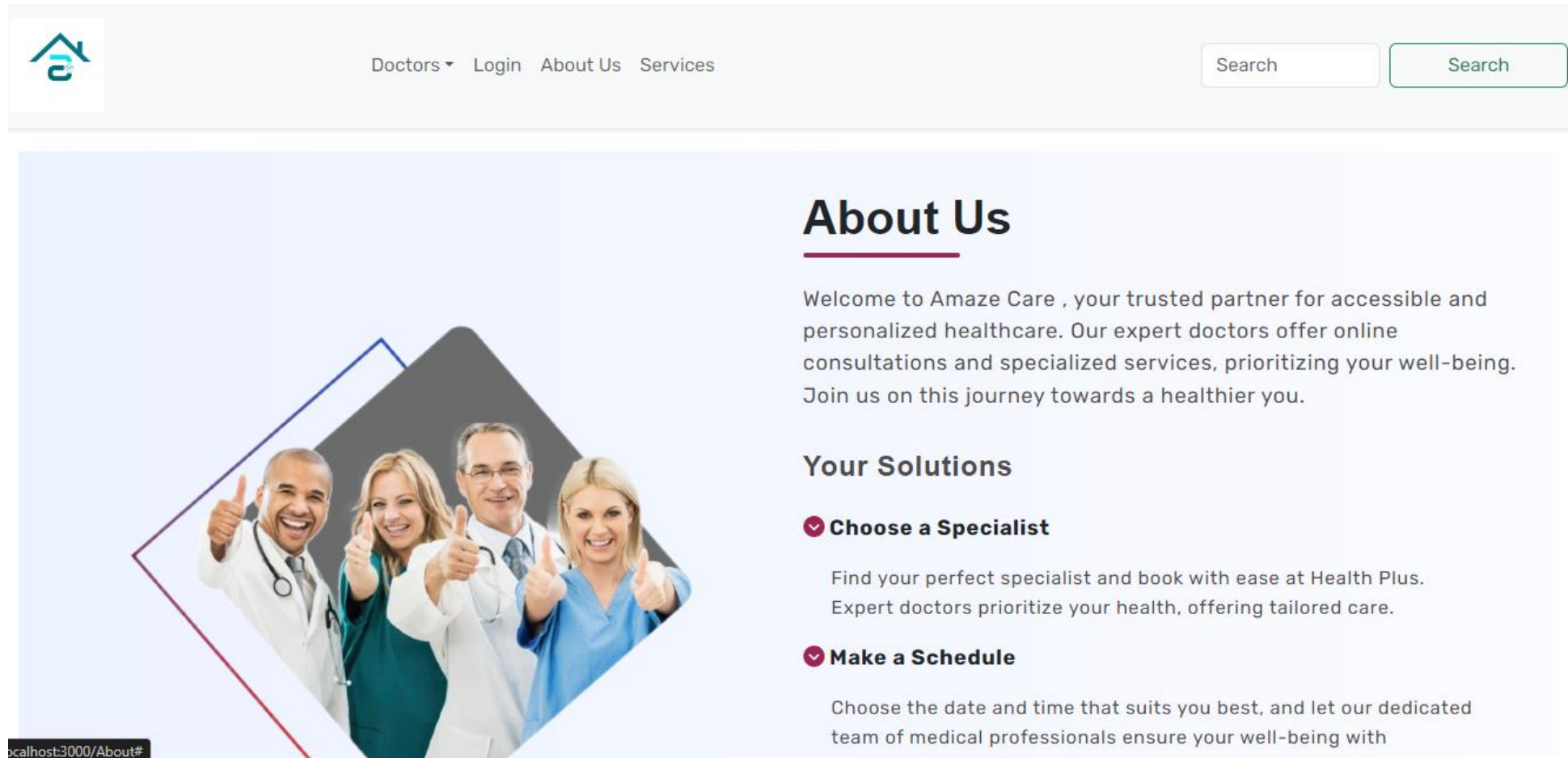
Er Diagram






User Interface

About Us page





Doctors ▾ Login About Us Services

Search

Search

Login

Email:

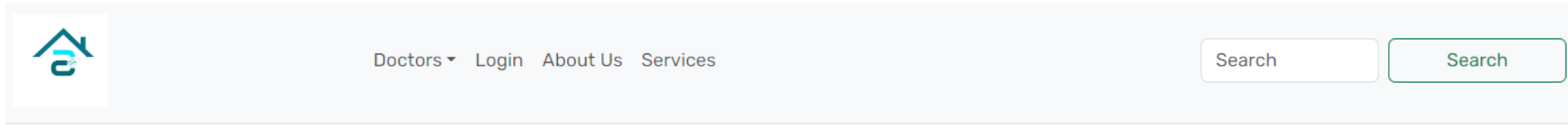
Password:

Role:

Patient ▾

Login

Create a account



What We Do

We bring healthcare to your convenience, offering a comprehensive range of on-demand medical services tailored to your needs. Our platform allows you to connect with experienced online doctors who provide expert medical advice, issue online prescriptions, and offer quick appointment whenever you require them.



Emergency Care

Our Emergency Care service is



Heart Disease

Our team of experienced

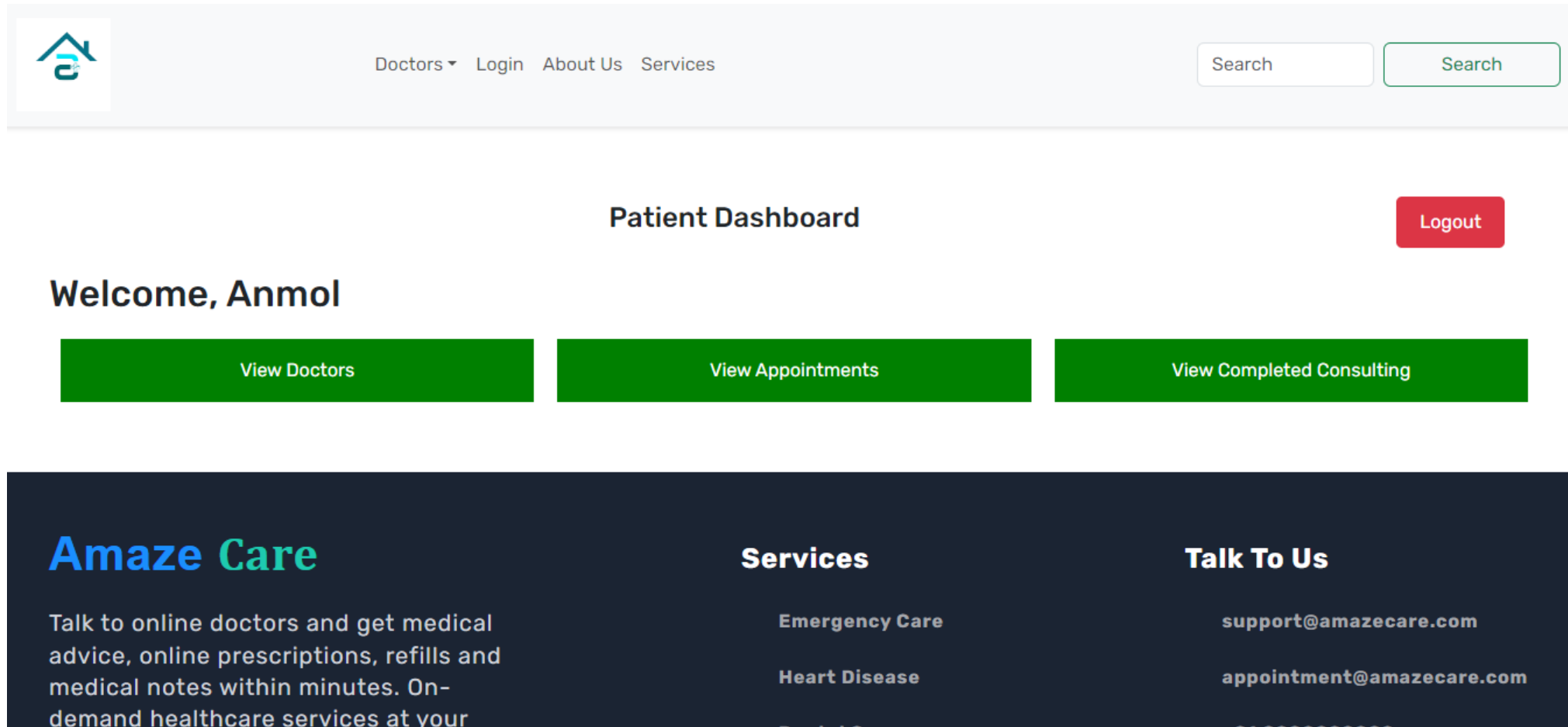


Dental Care

Smile with confidence as our Dental

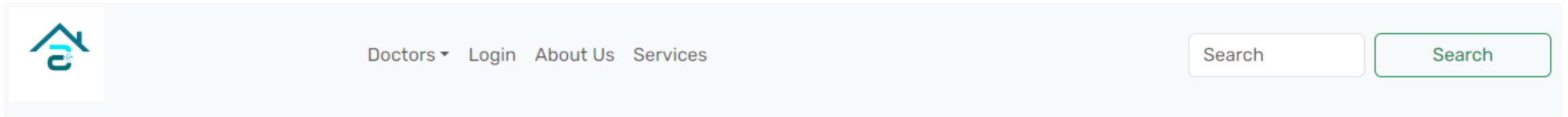
User Interface

Patient Dashboard



User Interface

Doctor Dashboard



Doctor Dashboard

Logout

Welcome, Dr. Suyukti

View
Appointments

View Completed
Appointments

View Medical
Records

View Prescriptions

Add Prescription

Add Medical
Record

Amaze Care

Talk to online doctors and get medical advice, online prescriptions, refills and

Services


Emergency Care

Talk To Us

support@amazecare.com

User Interface

Admin Dashboard



Doctors ▾ Login About Us Services

Admin Dashboard

Logout

View Doctors

View Patients

Amaze Care

Talk to online doctors and get medical advice, online prescriptions, refills and medical notes within minutes. On-demand healthcare services at your fingertips.

Services

Emergency Care

Heart Disease

Dental Care

Talk To Us

support@amazecare.com

appointment@amazecare.com

+91 8989898989

Testing

```
✓ should get all appointments
GET /api/v1/appointment/getappointmentbyid/:id
Executing (default): SELECT `AppointmentID`, `DoctorID`, `PatientID`, `AppointmentDate`, `Symptoms`, `AppointmentStatus`,
`createdAt`, `updatedAt` FROM `appointments` AS `Appointments` WHERE `Appointments`.`AppointmentID` = '1';
info: Get Appointment by ID: {"_changed":{}, "_options":{"_schema":null, "_schemaDelimiter":""," attributes":["AppointmentID", "DoctorID", "PatientID", "AppointmentDate", "Symptoms", "AppointmentStatus", "createdAt", "updatedAt"], "isNewRecord":false,
"raw":true}, "_previousDataValues":{"AppointmentDate":"2024-06-01T10:00:00.000Z", "AppointmentID":1, "AppointmentStatus":"completed", "DoctorID":3, "PatientID":1, "Symptoms":"Headache", "createdAt":null, "updatedAt":"2024-05-23T11:14:37.000Z"}, "dataValues":{"AppointmentDate":"2024-06-01T10:00:00.000Z", "AppointmentID":1, "AppointmentStatus":"completed", "DoctorID":3, "PatientID":1, "Symptoms":"Headache", "createdAt":null, "updatedAt":"2024-05-23T11:14:37.000Z"}, "isNewRecord":false, "timestamp":"2024-05-27T04:19:12.252Z", "uniqno":1}
✓ should get an appointment by ID
POST /api/v1/user/login
Executing (default): SELECT `DoctorID`, `DoctorName`, `Speciality`, `Experience`, `Qualification`, `Designation`, `UserRole`, `Passwordd`, `Email` FROM `doctors` AS `Doctors` WHERE `Doctors`.`Email` = 'suyukti@gmail.com' LIMIT 1;
info: Doctor Login successfully: {"_changed":{}, "_options":{"_schema":null, "_schemaDelimiter":""," attributes":["DoctorID", "DoctorName", "Speciality", "Experience", "Qualification", "Designation", "UserRole", "Passwordd", "Email"], "isNewRecord":false, "raw":true}, "_previousDataValues":{"Designation":"Senior Doctor", "DoctorID":3, "DoctorName":"Suyukti", "Email":"suyukti@gmail.com", "Experience":5, "Passwordd":"$2b$10$bdTfuQgCv13XHQXeWELgUeBnQGI8AAgaJS9YxNh93AnC4QzWu00W6", "Qualification":"mbbs", "Speciality":"surgeon", "UserRole":"Doctor"}, "dataValues":{"Designation":"Senior Doctor", "DoctorID":3, "DoctorName":"Suyukti", "Email":"suyukti@gmail.com", "Experience":5, "Passwordd":"$2b$10$bdTfuQgCv13XHQXeWELgUeBnQGI8AAgaJS9YxNh93AnC4QzWu00W6", "Qualification":"mbbs", "Speciality":"surgeon", "UserRole":"Doctor"}, "isNewRecord":false, "timestamp":"2024-05-27T09:49:56.932Z", "uniqno":1}
✓ should login as a doctor (64ms)

10 passing (268ms)
```


Conclusion

AmazeCare makes healthcare better by making it easier for patients to book appointments, for doctors to access medical records, and for staff to manage tasks. Our technology helps improve the overall healthcare experience.

Thank you

