Consultation Site for healthCare

Possible Names :

> 1)medeasy

> 2) QuickDoc

> 3) Consult X

Basics Features:

JWT-based User Authentication

- Login/Register (Doctor, Patient, Admin)
- Role-based access

Doctor Profile Management

- Specialization, availability, admin approval

Patient Profile

- Basic info, consultation history

Appointment Booking

- Real-time slot booking with doctors

Text-Based Consultation Chat (via SignalR)

- Live messaging between patient and doctor

Prescription Handling

- Doctor uploads, patient downloads

Admin Dashboard

- User management, doctor verification

Doctor Search & Filter

- By specialization, name, location

Email Notifications

- Registration, booking confirmation

Responsive UI

- Works on mobile and desktop

Advanced Features:

- Chatbot AI Integration
- Analysis on DashBoard
- Payment Getaway

DataBase Tables

Doctor

- DoctorID (PK)
- Name
- Email
- Password
- Specialization
- Experience
- Availability (Time Slots)
- ProfileStatus (Approved / Pending)
- ContactNumber

Patient

- PatientID (PK)
- Name
- Email
- Password
- Gender
- DOB
- ContactNumber
- MedicalHistory (optional)

Appointment

- AppointmentID (PK)
- DoctorID (FK)
- PatientID (FK)
- Date

- TimeSlot
- Status (Booked, Cancelled, Completed)
- PaymentStatus (Paid, Unpaid)

Message (Chat)

- MessageID (PK)
- SenderID (FK to Patient/Doctor)
- ReceiverID (FK to Patient/Doctor)
- AppointmentID (FK)
- Timestamp
- Content

Prescription

- PrescriptionID (PK)
- AppointmentID (FK)
- DoctorID (FK)
- PatientID (FK)
- DateIssued
- MedicationDetails (text/blob)
- FilePath (if uploaded as PDF)

Admin

- AdminID (PK)
- Username
- Email
- Password

Payment

- PaymentID (PK)
- AppointmentID (FK)
- Amount
- PaymentDate
- Status (Success/Failed)
- TransactionID (optional)

refund or cancellation is option if we could we will add it.