Patient

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1, Login -> Patient Dashboard , Book Appointment

Patient Dashboard -> List of past Appointments and Medical History

Book Appointment -> Appointment (List of Doctors)-> Select a doctor (Post doctor id , patient id ,timeslot) -> (GET Availability Phase)->Confirm Booking(Enum status )

3, Availability->Post doctor id-> get availability

Doctor

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1, Login -> Doctor Dashboard->Manage Availability, Consultation Records

Manage Availability -> Add availability in table

Consultation Record -> List of Appointment -> Get Patient Details -> add medical prescription

**Entities**

• User

o User ID

o Name

o Role (Doctor/Patient)

o Email

o Phone

**Appointment**

o AppointmentID

o PatientID

o DoctorID

o TimeSlot

o Status (Booked, Cancelled, Completed)

**Consultation**

o ConsultationID

o AppointmentID

o Notes

o Prescription

**Availability**

o DoctorID

o Date

o TimeSlots

**Tables and Relationships**

**•** User

o Primary Key: UserID

• Appointment

o Primary Key: AppointmentID

o Foreign Keys: PatientID, DoctorID

• Consultation

o Primary Key: ConsultationID

o Foreign Key: AppointmentID

• Availability

o Primary Key: DoctorID

**User Interface Design**

7.1 Wireframes

• Patient Dashboard: View appointments and medical history.

• Doctor Dashboard: Manage availability and consultation records.

• Appointment Page: Search and book appointments.

**Links:**

**Patient**

List of Appointments Past -> (Patient Id , Appointment Id )

List of Medical History -> ( PatientId -> Appointment Id -> Consultation Id )

**Doctor**

List of Appointment ->(Doctor Id , Appointment Id )

Manage Availability -> ( Doctor Id , Availabiltity ID )