

/*doctor table*/

```
CREATE TABLE doctor(  
  doctorId varchar(5) PRIMARY KEY,  
  firstName varchar(20) NOT NULL,  
  lastName varchar(20) NOT NULL,  
  qualification varchar(20) NOT NULL,  
  specialization varchar(20) NOT NULL,  
  experience numeric(2),  
  dateOfBirth date NOT NULL,  
  gender char(1) CHECK(gender IN('M','F','O')) NOT NULL,  
  mobileNumber numeric(10) UNIQUE NOT NULL,  
  address varchar(100),  
  emailId varchar(25) NOT NULL,  
  password varchar(20) NOT NULL,  
  chargePerConsultation numeric(5) NOT NULL,  
  medicalLicense varchar(50) NOT NULL,  
  digitalSignature varchar(50) NOT NULL,  
  rating numeric(1) CHECK(rating>=1 AND rating <=5),  
  photo varchar(50) NOT NULL,  
  idProof varchar(50) NOT NULL,  
  branchId varchar(4) REFERENCES hospitalBranch(branchId) ON DELETE  
  RESTRICT ON UPDATE CASCADE NOT NULL,  
  medicalBranchId varchar(5) REFERENCES medicalBranch(medicalBranchId)  
  ON DELETE RESTRICT ON UPDATE CASCADE NOT NULL,  
  UNIQUE(firstName,lastName)  
);
```

/*patient records table*/

```
CREATE table patientRecord(  
  patientId varchar(10) REFERENCES patient(patientId) ON DELETE RESTRICT  
  ON UPDATE CASCADE NOT NULL,  
  appointmentId varchar(10) REFERENCES appointment(appointmentId) ON  
  DELETE RESTRICT ON UPDATE CASCADE NOT NULL,  
  doctorObservation varchar(100),
```

```
doctorDiagnosis varchar(100),
orderedMedicine boolean,
labReport varchar(50),
digitalPrescription varchar(50),
pharmacyId varchar(3) REFERENCES pharmacy(pharmacyId) ON DELETE SET
NULL ON UPDATE CASCADE,
PRIMARY KEY(patientId,appointmentId)
);
```

/*appointment table*/

```
CREATE TABLE appointment(
appointmentId varchar(10) PRIMARY KEY,
dateOfAppointment date NOT NULL,
timeOfAppointment time NOT NULL,
symptoms varchar(100) NOT NULL,
appointmentStatus varchar(16) CHECK(appointmentStatus IN
('pending','completed','cancelled','followUpRequired')) NOT NULL,
durationOfAppointment time NOT NULL,
doctorId varchar(5) REFERENCES doctor(doctorId) ON DELETE RESTRICT
ON
UPDATE CASCADE NOT NULL,
patientId varchar(10) REFERENCES patient(patientId) ON DELETE RESTRICT
ON UPDATE CASCADE NOT NULL,
labId varchar(4) REFERENCES laboratory(labId) ON DELETE SET NULL ON
UPDATE
CASCADE
);
```

/*payment table*/

```
CREATE Table payment(
transactionId varchar(17) PRIMARY KEY,
transactionAmount decimal(7,2) NOT NULL,
paymentGateway varchar(9) CHECK(paymentGateway
```

```
IN('PayPal','PayTM','CCAvenue','Cashfree','Razorpay')) NOT NULL,  
refund BOOLEAN NOT NULL DEFAULT FALSE,  
appointmentId varchar(10) REFERENCES appointment(appointmentId) ON  
DELETE RESTRICT ON UPDATE CASCADE NOT NULL  
);
```

/*meet details table*/

```
CREATE TABLE meet_details(  
appointmentId varchar(10) REFERENCES appointment(appointmentId) ON  
DELETE RESTRICT ON UPDATE CASCADE NOT NULL,  
videoConferencingLink varchar(50),  
telephoneRecordingLink varchar(50),  
chatData varchar(50),  
doctorFeedback varchar(50),  
PRIMARY KEY(appointmentId)  
);
```