INSERT INTO patient (idPatient, PName, PAddress, PContactNo, PSex, Pdetails)

VALUES

(1, 'Aarav Sharma', '123 Main Street', '9876543210', 'Male', 'Regular checkup'),

(2, 'Sanya Kapoor', '456 Oak Avenue', '8765432109', 'Female', 'Fever and cold symptoms'),

(3, 'Vivaan Singh', '789 Pine Lane', '7654321098', 'Male', 'Dental checkup'),

(4, 'Anika Patel', '321 Cedar Road', '6543210987', 'Female', 'Allergy consultation'),

(5, 'Arjun Mehra', '567 Elm Boulevard', '5432109876', 'Male', 'Pediatric visit'),

(6, 'Zara Khan', '890 Maple Drive', '4321098765', 'Female', 'Eye examination'),

(7, 'Aryan Verma', '234 Birch Court', '3210987654', 'Male', 'Annual physical'),

(8, 'Dia Reddy', '678 Willow Street', '2109876543', 'Female', 'Diabetes follow-up'),

(9, 'Rehan Kumar', '901 Pineapple Avenue', '1098765432', 'Male', 'Orthopedic consultation'),

(10, 'Avni Gupta', '345 Mango Lane', '9876543210', 'Female', 'ENT checkup');

INSERT INTO doctor (idDoctor, DName, DContactNo)

VALUES

(1, 'Dr. Ravi Kumar', '9876543210'),

(2, 'Dr. Neha Sharma', '8765432109'),

(3, 'Dr. Manoj Singh', '7654321098'),

(4, 'Dr. Priya Patel', '6543210987'),

(5, 'Dr. Anand Verma', '5432109876'),

(6, 'Dr. Shreya Khan', '4321098765'),

(7, 'Dr. Sameer Reddy', '3210987654'),

(8, 'Dr. Nisha Gupta', '2109876543'),

(9, 'Dr. Vikram Kumar', '1098765432'),

(10, 'Dr. Aishwarya Gupta', '9876543210');

INSERT INTO admin (aid, aName, aContact)

VALUES

(1, 'Aditi Sharma', '9876543210'),

(2, 'Amit Patel', '8765432109'),

(3, 'Ananya Singh', '7654321098'),

(4, 'Aarav Gupta', '6543210987'),

(5, 'Aisha Verma', '5432109876'),

(6, 'Ankit Reddy', '4321098765'),

(7, 'Ayesha Khan', '3210987654'),

(8, 'Aditya Gupta', '2109876543'),

(9, 'Anjali Kumar', '1098765432'),

(10, 'Arjun Kapoor', '9876543210');

INSERT INTO bill (billNo, PName)

VALUES

(1, 'Aarav Sharma'),

(2, 'Sanya Kapoor'),

(3, 'Vivaan Singh'),

(4, 'Anika Patel'),

(5, 'Arjun Mehra'),

(6, 'Zara Khan'),

(7, 'Aryan Verma'),

(8, 'Dia Reddy'),

(9, 'Rehan Kumar'),

(10, 'Avni Gupta');

INSERT INTO laboratory (PName, testname, testcharges, idPatient)

VALUES

('Aarav Sharma', 'Blood Test', '500 INR', 1),

('Sanya Kapoor', 'Urine Test', '300 INR', 2),

('Vivaan Singh', 'X-ray', '1000 INR', 3),

('Anika Patel', 'CBC Test', '400 INR', 4),

('Arjun Mehra', 'MRI Scan', '2000 INR', 5),

('Zara Khan', 'ECG', '250 INR', 6),

('Aryan Verma', 'Thyroid Test', '350 INR', 7),

('Dia Reddy', 'Cholesterol Test', '450 INR', 8),

('Rehan Kumar', 'Ultrasound', '800 INR', 9),

('Avni Gupta', 'Dengue Test', '600 INR', 10);

INSERT INTO medicalrecord (recordId, drugs, diagnos, pdetails, idPatient)

VALUES

(1, 'Paracetamol', 'Common Cold', 'Prescription for flu symptoms', 1),

(2, 'Aspirin', 'Headache', 'Prescription for headache relief', 2),

(3, 'Amoxicillin', 'Sinus Infection', 'Prescription for antibiotic', 3),

(4, 'Ibuprofen', 'Back Pain', 'Prescription for pain management', 4),

(5, 'Omeprazole', 'Acid Reflux', 'Prescription for digestive issues', 5),

(6, 'Metformin', 'Diabetes', 'Prescription for diabetes control', 6),

(7, 'Atorvastatin', 'High Cholesterol', 'Prescription for cholesterol control', 7),

(8, 'Losartan', 'Hypertension', 'Prescription for blood pressure', 8),

(9, 'Warfarin', 'Blood Clot', 'Prescription for blood thinner', 9),

(10, 'Levothyroxine', 'Hypothyroidism', 'Prescription for thyroid disorder', 10);

INSERT INTO receptionist (appointmentNo, PName, DName, Atime)

VALUES

(1, 'Aarav Sharma', 'Dr. Ravi Kumar', '09:00:00'),

(2, 'Sanya Kapoor', 'Dr. Neha Sharma', '09:30:00'),

(3, 'Vivaan Singh', 'Dr. Manoj Singh', '10:00:00'),

(4, 'Anika Patel', 'Dr. Priya Patel', '10:30:00'),

(5, 'Arjun Mehra', 'Dr. Anand Verma', '11:00:00'),

(6, 'Zara Khan', 'Dr. Shreya Khan', '11:30:00'),

(7, 'Aryan Verma', 'Dr. Sameer Reddy', '12:00:00'),

(8, 'Dia Reddy', 'Dr. Nisha Gupta', '12:30:00'),

(9, 'Rehan Kumar', 'Dr. Vikram Kumar', '13:00:00'),

(10, 'Avni Gupta', 'Dr. Aishwarya Gupta', '13:30:00');

INSERT INTO insurances (aadharNo, icompany, start\_date, end\_date, idPatient)

VALUES

(111122223333, 'XYZ Insurance', '2023-01-01', '2024-01-01', 1),

(222233334444, 'ABC Insurance', '2023-02-01', '2024-02-01', 2),

(333344445555, 'PQR Insurance', '2023-03-01', '2024-03-01', 3),

(444455556666, 'LMN Insurance', '2023-04-01', '2024-04-01', 4),

(555566667777, 'JKL Insurance', '2023-05-01', '2024-05-01', 5),

(666677778888, 'DEF Insurance', '2023-06-01', '2024-06-01', 6),

(777788889999, 'GHI Insurance', '2023-07-01', '2024-07-01', 7),

(888899990000, 'MNO Insurance', '2023-08-01', '2024-08-01', 8),

(999900001111, 'UVW Insurance', '2023-09-01', '2024-09-01', 9),

(101112131415, 'RST Insurance', '2023-10-01', '2024-10-01', 10);

INSERT INTO pharmacy (idPharmacy, PName, PContactNo, Medicine, Amount, idPatient)

VALUES

(1, 'Aarav Sharma', '9876543210', 'Paracetamol', 50, 1),

(2, 'Sanya Kapoor', '8765432109', 'Aspirin', 30, 2),

(3, 'Vivaan Singh', '7654321098', 'Amoxicillin', 40, 3),

(4, 'Anika Patel', '6543210987', 'Ibuprofen', 25, 4),

(5, 'Arjun Mehra', '5432109876', 'Omeprazole', 60, 5),

(6, 'Zara Khan', '4321098765', 'Metformin', 35, 6),

(7, 'Aryan Verma', '3210987654', 'Atorvastatin', 45, 7),

(8, 'Dia Reddy', '2109876543', 'Losartan', 55, 8),

(9, 'Rehan Kumar', '1098765432', 'Warfarin', 70, 9),

(10, 'Avni Gupta', '9876543210', 'Levothyroxine', 80, 10);

3NF-

Patient (idPatient PRIMARY KEY, PatientAddress, PatientContactNo, Patient\_Name, Patient\_Sex)

Doctor (idDoctor PRIMARY KEY, Doctor\_contactNo, Doctor\_name)

Receptionist (appointmentNo PRIMARY KEY, Patient\_id FOREIGN KEY, Doctor\_id FOREIGN KEY, appointment\_time)

Admin (adminId PRIMARY KEY, admin\_contact, admin\_name)

Insurance (aadharNo PRIMARY KEY, insurance\_company, start\_date, end\_date, Patient\_id FOREIGN KEY)

Laboratory (Patient\_id PRIMARY KEY, testname, testcharges)

Pharmacy (idPharmacy PRIMARY KEY, Patient\_id FOREIGN KEY, Patient\_contact\_no, medicine, amount)

MedicalRecord (recordId PRIMARY KEY, drugs, diagnos, patient\_details, Patient\_id FOREIGN KEY)

Bill (billNo PRIMARY KEY, MedicalRecord\_id FOREIGN KEY, amount)

Tables:

* Patient:
  + idPatient (int, primary key)
  + PatientAddress (varchar(45))
  + PatientContactNo (varchar(45))
  + PatientName (varchar(45))
  + PatientSex (varchar(45))
* Doctor:
  + idDoctor (int, primary key)
  + DoctorContactNo (varchar(45))
  + DoctorName (varchar(45))
* Appointment:
  + appointmentNo (int, primary key)
  + patientId (int, foreign key to Patient)
  + doctorId (int, foreign key to Doctor)
  + appointmentTime (time)
* Admin:
  + adminId (int, primary key)
  + adminContact (varchar(45))
  + adminName (varchar(45))
* Insurance:
  + aadharNo (varchar(45), primary key)
  + insuranceCompany (varchar(45))
  + startDate (date)
  + endDate (date)
  + patientId (int, foreign key to Patient)
* LaboratoryTest:
  + labTestId (int, primary key)
  + patientId (int, foreign key to Patient)
  + testName (varchar(45))
  + testCharges (int)
* Pharmacy:
  + pharmacyId (int, primary key)
  + patientId (int, foreign key to Patient)
  + medicine (varchar(45))
  + amount (int)
* MedicalRecord:
  + recordId (int, primary key)
  + patientId (int, foreign key to Patient)
  + drugs (varchar(45))
  + diagnosis (varchar(45))
  + diagnosisDate (date) // Added to capture diagnosis date
* Bill:
  + billNo (int, primary key)
  + recordId (int, foreign key to MedicalRecord)
  + amount (int)