

Data Management for Analytics

Project Milestone

Group 23

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Percentage of Effort Contributed by Student 1: 100

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Implementation in SQL

Creating Tables:

Table for Patients:

```
CREATE TABLE Patients (  
    PatientID INT PRIMARY KEY,  
    Name VARCHAR(255),  
    Address VARCHAR(255),  
    PhoneNumber VARCHAR(15),  
    InsuranceDetails VARCHAR(255),  
    Allergies VARCHAR(255)  
);
```

Table for Doctors:

```
CREATE TABLE Doctors (  
    DoctorID INT PRIMARY KEY,  
    Name VARCHAR(255),  
    Specialty VARCHAR(100),  
    Clinic VARCHAR(255)  
);
```

Table for Medications:

```
CREATE TABLE Medications (  
    MedicationID INT PRIMARY KEY,  
    Name VARCHAR(255),  
    Description TEXT,  
    Manufacturer VARCHAR(255),  
    Price DECIMAL(10, 2)  
);
```

Table for Prescriptions:

```
CREATE TABLE Prescriptions (  
    PrescriptionID INT PRIMARY KEY,  
    PatientID INT,  
    DoctorID INT,  
    Date DATE,  
    RefillStatus BOOLEAN,  
    FOREIGN KEY (PatientID) REFERENCES Patients(PatientID),  
    FOREIGN KEY (DoctorID) REFERENCES Doctors(DoctorID)  
);
```

Table for Inventory:

```
CREATE TABLE Inventory (  
    MedicationID INT PRIMARY KEY,  
    Quantity INT,  
    ExpiryDate DATE,  
    Location VARCHAR(255),  
    FOREIGN KEY (MedicationID) REFERENCES Medications(MedicationID)  
);
```