```sql
CREATE TABLE patients (
    patient_id INT NOT NULL AUTO_INCREMENT,
    patient_name VARCHAR(45) NOT NULL,
    age INT NOT NULL,
    admission_date DATE,
    discharge_date DATE,
    PRIMARY KEY (patient_id),
    UNIQUE KEY (patient_id)
);


CREATE TABLE Appointments (
    appointment_id INT NOT NULL AUTO_INCREMENT,
    patient_id INT NOT NULL,
    doctor_id INT NOT NULL,
    appointment_date DATE NOT NULL,
    appointment_time DECIMAL(5, 2) NOT NULL,
    PRIMARY KEY (appointment_id),
    FOREIGN KEY (patient_id) REFERENCES patients(patient_id),
    FOREIGN KEY (doctor_id) REFERENCES doctors(doctor_id)
);


INSERT INTO patients (patient_name, age, admission_date, discharge_date)
VALUES
    ('Maria Jozef', 67, '2023-10-01', '2023-10-07'),
    ('John Doe', 45, '2023-09-15', '2023-09-25'),
    ('Alice Smith', 30, '2023-11-05', '2023-11-12');


DELIMITER //

CREATE PROCEDURE CreateAppointment(
    IN p_patient_id INT,
    IN p_doctor_id INT,
    IN p_appointment_date DATE,
    IN p_appointment_time DECIMAL(5, 2)
)
BEGIN
    INSERT INTO Appointments (patient_id, doctor_id, appointment_date,
appointment_time)
    VALUES (p_patient_id, p_doctor_id, p_appointment_date,
p_appointment_time);
END //

DELIMITER ;

DELIMITER //

CREATE PROCEDURE GetPatientAppointments(
    IN p_patient_id INT
)
BEGIN
```

```sql
    SELECT *
    FROM Appointments
    WHERE patient_id = p_patient_id;
END //

DELIMITER ;




DELIMITER //

CREATE PROCEDURE CreateAppointment(
    IN p_patient_id INT,
    IN p_doctor_id INT,
    IN p_appointment_date DATE,
    IN p_appointment_time DECIMAL(5, 2)
)
BEGIN
    INSERT INTO Appointments (patient_id, doctor_id, appointment_date,
appointment_time)
    VALUES (p_patient_id, p_doctor_id, p_appointment_date,
p_appointment_time);
END //

DELIMITER ;

DELIMITER //

CREATE PROCEDURE GetPatientAppointments(
    IN p_patient_id INT
)
BEGIN
    SELECT *
    FROM Appointments
    WHERE patient_id = p_patient_id;
END //

DELIMITER ;




CREATE VIEW DoctorsAppointmentsPatientsView AS
SELECT
    A.appointment_id,
    A.appointment_date,
    A.appointment_time,
    D.doctor_id,
    D.doctor_name,
    P.patient_id,
    P.patient_name,
    P.age,
    P.admission_date,
    P.discharge_date
```

```sql
FROM
    Appointments A
JOIN
    Doctors D ON A.doctor_id = D.doctor_id
JOIN
    Patients P ON A.patient_id = P.patient_id;
```