CREATE DATABASE hospital\_portal;

USE hospital\_portal;

CREATE TABLE patients (

patient\_id INT NOT NULL UNIQUE AUTO\_INCREMENT PRIMARY KEY,

patient\_name VARCHAR(45) NOT NULL,

age INT NOT NULL,

admission\_date DATE,

discharge\_date DATE

);

INSERT INTO patients (patient\_name, age, admission\_date, discharge\_date)

VALUES ('John Doe', 55, '2023-10-10', '2023-01-10'),

('Maria Jozef', 66, '2022-10-01', '2022-10-20'),

('Tom Cook', 29, '2021-05-01', '2023-05-30');

CREATE TABLE appointments (

appointment\_id INT NOT NULL UNIQUE AUTO\_INCREMENT PRIMARY KEY,

patient\_id INT NOT NULL,

doctor\_id INT NOT NULL,

appointment\_date DATE NOT NULL,

appointment\_time DECIMAL NOT NULL

);

CREATE TABLE doctors (

doctor\_id INT NOT NULL AUTO\_INCREMENT PRIMARY KEY,

doctor\_name VARCHAR(45) NOT NULL,

department VARCHAR(45)

);

DELIMITER //

CREATE PROCEDURE SchedulueAppointment(IN p\_patient\_id INT,

IN p\_doctor\_id INT, IN p\_appointment\_date

DATE, IN p\_appointment\_time DECIMAL)

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 DischargePatient(IN p\_patient\_id INT, IN p\_discharge\_date DATE)

BEGIN

UPDATE patients

SET discharge\_date = p\_discharge\_date

WHERE patient\_id = p\_patient\_id;

END //

DELIMITER ;

CREATE VIEW doctors\_appointments\_patients AS

SELECT doctors.doctor\_name, appointments.appointment\_date,

appointments.appointment\_time, patients.patient\_name

FROM doctors

JOIN appointments ON doctors.doctor\_id = appointments.doctor\_id

JOIN patients ON appointments.patient\_id = patients.patient\_id;

Select \* From doctors\_appointments\_patients;