```sql
CREATE TABLE patient(

    patientNumber INT NOT NULL AUTO_INCREMENT,

    lastName VARCHAR(255),

    firstName VARCHAR(255),

    phone VARCHAR(15),

    addressLine1 VARCHAR(255),

    addressLine2 VARCHAR(255),

    eircode VARCHAR(255),

    PRIMARY KEY(patientNumber)

);


CREATE TABLE appointment(

    appointmentNumber INT NOT NULL AUTO_INCREMENT,

    appointmentDate VARCHAR(255),

    appointmentTime VARCHAR(255),

    patientNumber INT(4) NOT NULL,

    PRIMARY KEY(appointmentNumber)

);
ALTER TABLE appointment ADD FOREIGN KEY (patientNumber) REFERENCES
patient(patientNumber);


CREATE TABLE treatment(

    treatmentID_Number INT NOT NULL,

    treatmentDescription VARCHAR(255),

    specialistTreatmentRequired VARCHAR(255),

    specialistID_Number VARCHAR(255),

    appointmentNumber INT(4) NOT NULL,

    PRIMARY KEY(treatmentID_Number)

);
```

```sql
ALTER TABLE treatment ADD FOREIGN KEY (appointmentNumber) REFERENCES
appointment(appointmentNumber);

ALTER TABLE treatment ADD FOREIGN KEY (specialistID_Number) REFERENCES specialist
(specialistID_Number);



CREATE TABLE specialist(

    specialistID_Number VARCHAR(255) NOT NULL,

    lastName VARCHAR(255),

    firstName VARCHAR(255),

    phone VARCHAR(15),

    addressLine1 VARCHAR(255),

    addressLine2 VARCHAR(255),

    eircode VARCHAR(255),

    specialistArea VARCHAR(255),

    PRIMARY KEY(specialistID_Number)

);



CREATE TABLE bill(

    bill_ID_Number INT NOT NULL AUTO_INCREMENT,

    patientNumber INT(4) NOT NULL,

    treatmentID_Number INT(4) NOT NULL,

    treatmentPrice  DECIMAL(6,2),

    cancelledApptNumber INT(4),

    cancellationCost DECIMAL(4,2),

    PRIMARY KEY(bill_ID_Number)

);

ALTER TABLE bill ADD FOREIGN KEY (patientNumber) REFERENCES patient(patientNumber);

ALTER TABLE bill ADD FOREIGN KEY (treatmentID_Number) REFERENCES
treatment(treatmentID_Number);
```

```
ALTER TABLE bill ADD FOREIGN KEY (cancelledApptNumber) REFERENCES
appointment(appointmentNumber);



CREATE TABLE payment(

    paymentID_Number INT NOT NULL AUTO_INCREMENT,

    bill_ID_Number INT(4) NOT NULL,

    paymentDate VARCHAR(255),

    billTotal DECIMAL(6,2),

    paymentReceived DECIMAL(6,2),

    paymentMethod VARCHAR(255),

    paymentOutstanding DECIMAL(6,2),

    PRIMARY KEY(paymentID_Number)
);

ALTER TABLE payment ADD FOREIGN KEY (bill_ID_Number) REFERENCES bill(bill_ID_Number);
```