```sql
CREATE TABLE `patient` (
 `patient_ID` INT NOT NULL AUTO_INCREMENT, #NOT NULL CONSTRAINT, &
Automatically increment
 `firstName` VARCHAR(25),
 `surName` VARCHAR(25),
 `contactNumber`VARCHAR(25),
 `address` VARCHAR(100),
 `overduePaymentSpecify` VARCHAR(255),
 `treatmentIDHistory` VARCHAR(500),
 PRIMARY KEY (`patient_ID`)
);


CREATE TABLE `treatmentAndFees` (
 `treatmentTypeID` INT NOT NULL AUTO_INCREMENT,
 `treatmentType` VARCHAR(255) ,
 `treatmentFee` INT,
 `specialistRequired` VARCHAR(3),
 PRIMARY KEY (`treatmentTypeID`)

);


CREATE TABLE `appoinmentDiary` (
 `appointmentID` INT NOT NULL AUTO_INCREMENT,
 `patient_ID` INT,
 `appointmentDate+Time` DATETIME, #SQL format 'YYYY-MM-DD HH:MM:SS'
 `follow_upNeeded` VARCHAR(100),
 `treatment(s)` VARCHAR(255),
 `cancellation` VARCHAR(100),
 `lateFee` INT,
 `visitCardFiled` VARCHAR(3),
 `paymentReceived` VARCHAR(3),
 `specialistNeeded` VARCHAR(25),
 PRIMARY KEY (`appointmentID`),
 FOREIGN KEY (`patient_ID`) REFERENCES patient(`patient_ID`)


);
```

```
CREATE TABLE `bill` (
 `bill_ID` INT NOT NULL AUTO_INCREMENT,
 `treatmentTypeID` INT,
 `patient_ID` INT,
 `summary` VARCHAR(255),
 `amountDue` INT,
 `dueBy` DATETIME,
 PRIMARY KEY (`bill_ID`),
 FOREIGN KEY (`treatmentTypeID`) REFERENCES
treatmentAndFees(`treatmentTypeID`),
 FOREIGN KEY (`patient_ID`) REFERENCES patient(`patient_ID`)
);


CREATE TABLE `payment` (
 `transactionID` INT NOT NULL AUTO_INCREMENT,
 `bill_ID` INT,
 `amount` INT,
 `methodPayed` VARCHAR(50),
 `payWithInstalments` VARCHAR (25) DEFAULT 'No' #Default Constraint
 `instalmentDetails` VARCHAR(100) DEFAULT 'N/A',
 `paymentDate` DATETIME,
 PRIMARY KEY (`transactionID`),
 FOREIGN KEY (`bill_ID`) REFERENCES bill(`bill_ID`) #Foreign key contstraint
);


CREATE TABLE `specialist` (
 `specialistID` INT NOT NULL AUTO_INCREMENT,
 `treatmentTypeID` INT,
 `specialistName` VARCHAR(30),
 `referredBy` VARCHAR(30),
 `referalReason` VARCHAR(255),
 PRIMARY KEY (`specialistID`),
 FOREIGN KEY (`treatmentTypeID`) REFERENCES treatmentAndFees(`treatmentTypeID`)
);
```