LAB 3 CPSC 2221 TOMAS GONZALEZ ORTEGA ID100266942  
  
















INSERT into PATIENT values (1, 'Feminine', 'Shuang', 'Xu', '03/05/95');

INSERT into PATIENT values (2, 'Masculine', 'Thomas', 'Nussbaumer', '06/17/90');

INSERT into PATIENT values (3, 'Masculine', 'Jean', 'Valjean', '06/20/54');

INSERT into PATIENT values (4, 'Feminine', 'Soffia', 'Gubaydulina', '12/29/45');

INSERT into PATIENT values (5, 'Feminine', 'Ryoko', 'Hamasaki', '10/30/97');

CREATE TABLE PATIENT

(

PatientID INT NOT NULL,

Patient\_Gender VARCHAR(10) NOT NULL,

PatientFName VARCHAR(30) NOT NULL,

PatientLName VARCHAR(30) NOT NULL,

PatientBDate DATE NOT NULL,

CONSTRAINT Patient\_PK PRIMARY KEY (PatientID));

CREATE TABLE NURSE

(

NurseID INT NOT NULL,

NurseName VARCHAR2(30) NOT NULL,

CONSTRAINT Nurse\_PK PRIMARY KEY (NurseID)

);

INSERT into NURSE values (1, 'Mai Shiranui');

INSERT into NURSE values (2, 'Aria Argento');

INSERT into NURSE values (3, 'Xing Ye');

INSERT into NURSE values (4, 'Marta Mrakviová');

INSERT into NURSE values (5, 'Ann Marie Edvardsen');

CREATE TABLE DRUG\_IN\_TAKE\_EVENT

(

DIENumber INT NOT NULL,

PatientID INT NOT NULL,

DieTime TIMESTAMP NOT NULL,

DIEDate DATE NOT NULL,

NurseID INT NOT NULL,

CONSTRAINT DIE\_PK PRIMARY KEY (DIENumber, PatientID),

CONSTRAINT DIE\_FK FOREIGN KEY (PatientID) references PATIENT (PatientID),

CONSTRAINT DIE\_FK2 FOREIGN KEY (NurseID) references NURSE (NurseID)

);

INSERT into DRUG\_IN\_TAKE\_EVENT values (1, 1, '30-SEP-2016 07:00:00', '09/05/16', 1);

INSERT into DRUG\_IN\_TAKE\_EVENT values (2, 2, '29-SEP-2016 07:00:00', '09/29/16', 2);

INSERT into DRUG\_IN\_TAKE\_EVENT values (3, 3, '28-SEP-2016 07:00:00', '09/28/16', 3);

INSERT into DRUG\_IN\_TAKE\_EVENT values (4, 4, '27-SEP-2016 07:00:00', '09/27/16', 4);

INSERT into DRUG\_IN\_TAKE\_EVENT values (5, 5, '26-SEP-2016 07:00:00', '09/26/16', 5);

CREATE TABLE INGREDIENT

(

IngID INT NOT NULL,

IngName VARCHAR(50) NOT NULL,

CONSTRAINT INGREDIENT\_PK PRIMARY KEY (IngID)

);

INSERT into INGREDIENT values (1, 'Oxytocin');

INSERT into INGREDIENT values (2, 'Morphine');

INSERT into INGREDIENT values (3, 'Tramadol');

INSERT into INGREDIENT values (4, 'fluphenazine');

INSERT into INGREDIENT values (5, 'haloperidol');

CREATE TABLE DRUG

(

DrugID INT NOT NULL,

DrugCoatingType VARCHAR(50) NOT NULL,

DrugName VARCHAR(30) NOT NULL,

CONSTRAINT DRUG\_PK PRIMARY KEY (DrugID)

);

INSERT into DRUG values (1, 'sugar coated', 'Oxy');

INSERT into DRUG values (2, 'enteric coated', 'Morpheus');

INSERT into DRUG values (3, 'enteric coated', 'Tramadoll');

INSERT into DRUG values (4, 'film coated', 'Fluphy');

INSERT into DRUG values (5, 'sugar coated', 'Halo');

CREATE TABLE NotToTakeWith

(

DrugID INT NOT NULL,

DrugID\_2 INT NOT NULL,

CONSTRAINT DRUGID\_PK PRIMARY KEY (DrugID, DrugID\_2),

CONSTRAINT DRUGID\_FK FOREIGN KEY (DrugID) REFERENCES DRUG (DrugID),

CONSTRAINT DRUGID\_FK2 FOREIGN KEY (DrugID\_2) REFERENCES DRUG (DrugID)

);

INSERT into NotToTakeWith values (4, 1);

INSERT into NotToTakeWith values (4, 2);

INSERT into NotToTakeWith values (4, 3);

INSERT into NotToTakeWith values (4, 5);

INSERT into NotToTakeWith values (2, 5);

CREATE TABLE Contains

(

DOSAGE INT NOT NULL,

DrugID INT NOT NULL,

IngID INT NOT NULL,

CONSTRAINT Contains\_PK PRIMARY KEY (DrugID, IngID),

CONSTRAINT DRUGContains\_FK FOREIGN KEY (DrugID) REFERENCES DRUG (DrugID),

CONSTRAINT INGREDIENT\_FK FOREIGN KEY (IngID) REFERENCES INGREDIENT (IngID)

);

INSERT into Contains values (1, 1, 1);

INSERT into Contains values (2, 2, 2);

INSERT into Contains values (3, 3, 3);

INSERT into Contains values (4, 4, 4);

INSERT into Contains values (5, 5, 5);

CREATE TABLE INCLUDES

(

DrugID INT NOT NULL,

Quantity INT NOT NULL,

PatientID INT NOT NULL,

DIENumber INT NOT NULL,

CONSTRAINT INCLUDES\_PK PRIMARY KEY (PatientID, DrugID, DIENumber),

CONSTRAINT PATIENTINCLUDES\_FK FOREIGN KEY (PatientID) REFERENCES PATIENT (PatientID),

CONSTRAINT DRUGINCLUDES\_FK FOREIGN KEY (DrugID) REFERENCES DRUG (DrugID),

CONSTRAINT DIENumberINCLUDES\_FK FOREIGN KEY (DIENumber, PatientID) REFERENCES DRUG\_IN\_TAKE\_EVENT (DIENumber, PatientID)

);

INSERT into INCLUDES values (1, 1, 1, 1);

INSERT into INCLUDES values (2, 2, 2, 2);

INSERT into INCLUDES values (3, 3, 3, 3);

INSERT into INCLUDES values (4, 4, 4, 4);

INSERT into INCLUDES values (5, 5, 5, 5);