CREATE TABLE PATIENT

(SSN NUMBER(10) NOT NULL PRIMARY KEY,

FIRST\_NAME VARCHAR(25),

LAST\_NAME VARCHAR(35),

PHY NUMBER(10),

ADDRESS VARCHAR(50),

BIRTH\_DATE DATE,

CONSTRAINT T0\_FK FOREIGN KEY(PHY) REFERENCES doctor(ssn)

);

CREATE TABLE PATIENT\_HISTORY

( SSN number(10)not null ,

First\_Name varchar(20),

Last\_Name varchar(20),

PHY number(10) primary key,

Address varchar(50),

birth\_date date

);

CREATE TABLE DOCTOR

( SSN NUMBER(4) NOT NULL PRIMARY KEY,

FIRST\_NAME VARCHAR(20),

LAST\_NAME VARCHAR(20),

SPECIALITY VARCHAR(10),

YOE NUMBER(2,1));

CREATE TABLE PRESCRIPTION\_HISTORY

( PRESCRIPTION\_ID NUMBER(10) NOT NULL PRIMARY KEY,

PATIENT\_ID NUMBER(10),

DOCTOR\_ID NUMBER(10),

PDRUG\_ID NUMBER(10),

QUANTITY NUMBER(10),

PRESC\_DATE DATE

);

CREATE TABLE PHARMACY

( PHARMA\_ID NUMBER(10) NOT NULL PRIMARY KEY,

NAME VARCHAR(25),

ADDRESS VARCHAR(50),

PH\_NUM NUMBER(10)

);

CREATE TABLE SUPERVISOR\_HISTORY

( SUPERVISOR\_ID NUMBER(10) NOT NULL,

PHARMACY\_ID NUMBER(10),

F\_NAME VARCHAR(25),

L\_NAME VARCHAR(25),

CONTRACT\_NO NUMBER(10)

);

CREATE TABLE PHARMA\_COMP

( PH\_ID NUMBER(10) NOT NULL PRIMARY KEY ,

NAME VARCHAR(25),

PH\_NUMBER NUMBER(10)

);

CREATE TABLE DRUG\_INFO

( DRUG\_ID NUMBER(10) NOT NULL PRIMARY KEY,

DRUG\_TRADE\_NAME VARCHAR(30),

FORMULA VARCHAR(30),

PRICE NUMBER(5),

PCID NUMBER(10),

CONSTRAINT T1\_FK FOREIGN KEY(PCID) REFERENCES PHARMA\_COMP(PH\_ID)

);

CREATE TABLE PH\_DRUG\_INFO

( PDRUG\_ID NUMBER(10)NOT NULL PRIMARY KEY,

PHARMA\_ID NUMBER(10),

DRUG\_ID NUMBER(10),

QUANTITY NUMBER(10),

CONSTRAINT T4\_FK FOREIGN KEY(PHARMA\_ID) REFERENCES PHARMACY(PHARMA\_ID),

CONSTRAINT T3\_FK FOREIGN KEY(DRUG\_ID) REFERENCES DRUG\_INFO(DRUG\_ID));

CREATE TABLE PRESCRIPTION

( PRESC\_ID NUMBER(10) NOT NULL PRIMARY KEY,

PATIENT\_ID NUMBER(10),

DOCTOR\_ID NUMBER(10),

PDRUG\_ID NUMBER(10),

QUANTITY NUMBER(10),

PRES\_DATE DATE ,

CONSTRAINT T5\_FK FOREIGN KEY(PATIENT\_ID) REFERENCES PATIENT(SSN),

CONSTRAINT T6\_FK FOREIGN KEY(DOCTOR\_ID) REFERENCES DOCTOR(SSN) ,

CONSTRAINT T7\_FK FOREIGN KEY(PDRUG\_ID) REFERENCES DRUG\_INFO(DRUG\_ID)

);

CREATE TABLE PHARMACY\_SALES

( PHARMA\_ID NUMBER(10) NOT NULL PRIMARY KEY ,

PHARMA\_DATE DATE ,

PRESC\_ID NUMBER(10),

AMOUNT NUMBER(5),

CONSTRAINT T8\_FK FOREIGN KEY(PHARMA\_ID) REFERENCES PHARMACY(PHARMA\_ID),

CONSTRAINT T9\_FK FOREIGN KEY(PRESC\_ID) REFERENCES PRESCRIPTION(PRESC\_ID)

) ;

CREATE TABLE PHARMACY\_COMPANY\_SALES

( COMPANY\_ID NUMBER(10) NOT NULL PRIMARY KEY ,

C\_DATE DATE ,

PHARMA\_ID NUMBER(10),

DRUG\_ID NUMBER(10),

QUANTITY NUMBER(10),

AMOUNT NUMBER(5),

CONSTRAINT T10\_FK FOREIGN KEY(PHARMA\_ID) REFERENCES PHARMACY(PHARMA\_ID),

CONSTRAINT T11\_FK FOREIGN KEY(DRUG\_ID) REFERENCES DRUG\_INFO(DRUG\_ID)

);

CREATE TABLE CONTRACT

( CONTRACT\_NO NUMBER(10) NOT NULL PRIMARY KEY,

PCID NUMBER(10),

PHARMA\_ID NUMBER(10),

START\_DATE DATE ,

END\_DATE DATE ,

TEXT\_OF\_CONTRACT VARCHAR(40)

)

CREATE TABLE SUPERVISOR

( SUPERVISOR\_ID NUMBER(10),

PHARMACY\_ID NUMBER(10),

F\_NAME VARCHAR(10),

L\_NAME VARCHAR(10),

CONTACT\_NUM NUMBER(10)

);