**create table** farmacia  
(  
 **id\_farmacia bigserial not null  
 constraint** farmacia\_pkey  
 **primary key**,  
 **nome** *text* **not null**,  
 **cap char**(5) **not null**,  
 **citta** *text* **not null**,  
 **numero\_telefono** *text* **not null**,  
 **provincia** *text* **not null**,  
 **via** *text* **not null**)  
;  
  
**create table** prodotti  
(  
 **id bigserial not null  
 constraint** prodotti\_pkey  
 **primary key**,  
 **nome** *text* **not null**,  
 **categoria varchar**(16) **not null**,  
 **costo numeric not null  
 constraint** prodotti\_costo\_check  
 **check** (**costo** > (0)::**numeric**),  
 **principio\_attivo** *text* **not null**,  
 **qta integer not null  
 constraint** prodotti\_qta\_disponibile\_check  
 **check** (qta\_disponibile > 0),  
 **ricetta boolean default false not null**)  
;  
  
**create table** personale  
(  
 **nome** *text* **not null**,  
 **cognome** *text* **not null**,  
 **cf char**(16) **not null  
 constraint** personale\_pkey  
 **primary key**,  
 **data\_nascita** *date*,  
 **ruolo varchar**(3) **not null**,  
 **id\_farmacia bigint not null  
 constraint** personale\_id\_farmacia\_fkey  
 **references** farmacia  
 **on update cascade on delete cascade**)  
;  
  
**create table login**(  
 **utente** *text* **not null  
 constraint** login\_pkey  
 **primary key**,  
 **password** *text* **not null**,  
 **cf char**(16)  
 **constraint** login\_cf\_fkey  
 **references** personale  
 **on update cascade on delete cascade**)  
;  
  
**create table** ordine  
(  
 **numero\_ordine bigserial not null  
 constraint** ordine\_pkey  
 **primary key**,  
 **utente** *text* **not null  
 constraint** ordine\_utente\_fkey  
 **references** personale  
 **on update cascade on delete cascade**,  
 **totale\_ordine double precision**)  
;  
  
**create table** paziente  
(  
 **cf char**(16) [] **not null  
 constraint** paziente\_pkey  
 **primary key**,  
 **nome** *text* **not null**,  
 **cognome** *text* **not null**,  
 **data\_nascita** *date* **not null**,  
 **utente** *text* **not null  
 constraint** paziente\_utente\_fkey  
 **references** personale  
 **on update cascade on delete cascade**)  
;  
  
**create table** medico  
(  
 **codice\_regionale bigserial not null  
 constraint** medico\_pkey  
 **primary key**,  
 **nome** *text* **not null**,  
 **cognome** *text* **not null**,  
 **cf varchar**(16) **not null  
 constraint** medico\_cf\_key  
 **unique**,  
 **data\_nascita** *date* **not null**)  
;  
  
**create table** ricetta  
(  
 **numero\_ricetta bigserial not null  
 constraint** ricetta\_pkey  
 **primary key**,  
 **data** *date* **not null**,  
 **codice\_regionale bigint not null  
 constraint** ricetta\_codice\_regionale\_fkey  
 **references** medico  
 **on update cascade on delete cascade**,  
 **cf char**(16) [] **not null  
 constraint** ricetta\_cf\_fkey  
 **references** paziente  
 **on update cascade on delete cascade**,  
 **numero\_ordine bigint not null  
 constraint** ricetta\_numero\_ordine\_fkey  
 **references** ordine  
 **on update cascade on delete cascade**)  
;  
  
**create table** rimanenze  
(  
 **qta integer not null  
 constraint** rimanenze\_qta\_check  
 **check** (**qta** > 0),  
 **data\_reintegro** *date* **not null**,  
 **id\_farmacia bigint not null  
 constraint** rimanenze\_id\_farmacia\_fkey  
 **references** farmacia  
 **on update cascade on delete cascade**,  
 **id\_prodotto bigint not null  
 constraint** rimanenze\_id\_prodotto\_fkey  
 **references** prodotti  
 **on update cascade on delete cascade**,  
 **constraint** rimanenze\_pkey  
 **primary key** (**id\_farmacia**, **id\_prodotto**)  
)  
;  
  
**create table** contiene  
(  
 **qta integer not null  
 constraint** contiene\_qta\_check  
 **check** (**qta** > 0),  
 **numero\_ordine bigint not null  
 constraint** contiene\_numero\_ordine\_fkey  
 **references** ordine  
 **on update cascade on delete cascade**,  
 **id\_prodotto bigint not null  
 constraint** contiene\_id\_prodotto\_fkey  
 **references** prodotti  
 **on update cascade on delete cascade**,  
 **constraint** contiene\_pkey  
 **primary key** (**numero\_ordine**, **id\_prodotto**)  
)  
;  
  
**create table** messaggi  
(  
 **id\_messaggio bigserial not null  
 constraint** messaggi\_pkey  
 **primary key**,  
 **mittente** *text* **not null  
 constraint** messaggi\_mittente\_fkey  
 **references login  
 on update cascade on delete cascade**,  
 **ricevente** *text* **not null  
 constraint** messaggi\_ricevente\_fkey  
 **references login  
 on update cascade on delete cascade**,  
 **corpo** *text* **not null**,  
 **data** *date*)  
;