

Create Database medilane_pharmacy;

Create Table roles(

role_id int auto_increment primary key,

role_name VarChar(30) Not Null Unique

);

Create Table admin(

admin_id int auto_increment primary key,

name VarChar(30) Not Null,

email VarChar(30) Not Null unique,

password_hash VarChar(40) Not Null,

role_id int Not Null,

foreign Key(role_id) references roles (role_id)

on Delete restrict

on update restrict

);

create Table customers(

customer_id int auto_increment primary key,

name Varchar(30) Not Null,

email VarChar(30) Not Null Unique,

contact Char(11) Not Null,

Address VarChar(50) Not Null,

password_hash VarChar(40) Not Null,

role_id int Not Null,

foreign Key(role_id) references roles (role_id)

on Delete restrict

on update restrict

);

create Table companies(

company_id int auto_increment primary key,

name VarChar(30) Not Null,

email VarChar (100) Not Null unique,

contact Char(11)

);

create Table suppliers(

supplier_id int auto_increment primary key,

name Varchar(30) Not Null,

email VarChar(30) Not Null Unique,

contact Char(11) Not Null,

password_hash VarChar(40) Not Null,

role_id int Not Null,

foreign Key(role_id) references roles (role_id)

on Delete restrict

on update restrict,

company_id int Not Null,

foreign key(company_id) references companies(company_id)

on Delete restrict

on update cascade

);

create Table medicines(

medicine_id int auto_increment primary key,

name VarChar(30) Not Null Unique,

```
quantity int Not Null CHECK (quantity>=0),  
price decimal(10, 2)Not Null CHECK (price>=0),  
expiry_date Date Not Null  
);
```