```sql
create database GRdb;
use GRdb;

create table users(
     UserId INT not null Primary key,
     UserEmail Varchar(500),
     UserPassword  Varchar(50),
     UserFirstName Varchar(50),
     UserCity Varchar(90),
     UserState Varchar(20),
     UserZip Varchar(12),
     UserEmailVerified Varchar(1),
     UserRegistrationDate Timestamp,
     UserIP Varchar(50),
     UserPhone Varchar(20),
     UserFax Varchar(20),
     UserCountry Varchar(20),
     UserAddress Varchar(100),
     UserAddres2 Varchar(50),
)
create table orders(
     OrderID int primary key not null,
     OrderUserId int,
     OrderAmmount float,
     OrderShipName Varchar(100),
     OrderShipAddress Varchar(100),
     OrderShipAddress2 Varchar(100),
     OrderCity Varchar(50),
     OrderState Varchar(50),
     OrderZip Varchar(20),
     OrderCountry Varchar(50),
     OrderPhone Varchar(20),
     OrderFax Varchar(20),
     OrderShipping float,
     OrderTax float,
     OrderEmail Varchar(100),
     OrderDate timestamp,
     OrderShipped Tinyint,
     OrderTrackingNumber Varchar(80),
     foreign key (OrderUserId) references users(UserId)
);

create table productcategories(
     CatagoryID int primary key not null,
     CatagoryName varchar(50),
);

create table options(
     OptionId int not null primary key,
     OptionName varchar(50)
);
```

```sql
create table optiongruops(
    OptionId int,
    OptionGruopName varchar(50),
    foreign key(OptionId)  references options(OptionId)
);

create table products(
    ProductID int primary key not null,
    ProductSKU varchar(50),
    ProductName varchar(100),
    ProductPrice float,
    ProductWeight float,
    ProductCartDesc Varchar(250),
    ProductShortDesc Varchar(1000),
    ProductLongDesc TEXT,
    ProductThumb Varchar(100),
    ProductImage Varchar(100),
    ProductCatagoryId int,
    ProductUpdateDate timestamp,
    ProductStock float,
    ProductLive tinyint,
    ProductUnlimited tinyint,
    Productlocation varchar(250),

    foreign key (ProductCatagoryId) references productcategories(CatagoryID)
);


create table productoptions(
    ProductOptionId int not null primary key,
    OptionId int,
    ProductId int,
    OpitonGruopId int,
    OpitonPriceIncrement float,
    foreign key (OptionId) references options(OptionID),
    foreign key (ProductId) references products(ProductID),
);
--drop table orderDetails;


create table orderDetails(
    DetailId int not null primary key,
    DetailOrderId int,
    DetailProductId int,
    DetailName varchar(250),
    DetailPrice float,
    DetailSKU varchar(50),
    DetailQuantity int,


    foreign key (DetailId) references orders(OrderId),
    foreign key (DetailProductId) references products(ProductId),
);
```

products
- 🔑 ProductID
- ProductSKU
- ProductName
- ProductPrice
- ProductWeight
- ProductCartDesc
- ProductShortDesc
- ProductLongDesc
- ProductThumb
- ProductImage
- ProductCatagoryId
- ProductUpdateDate
- ProductStock
- ProductLive
- ProductUnlimited
- Productlocation

productoptions
- 🔑 ProductOptionId
- OptionId
- ProductId
- OpitonGruopId
- OpitonPriceIncrement

options
- 🔑 OptionId
- OptionName

productcategories
- 🔑 CatagoryID
- CatagoryName

optiongruops
- OptionId
- OptionGruopName

orders
- 🔑 OrderID
- OrderUserId
- OrderAmmount
- OrderShipName
- OrderShipAddress
- OrderShipAddress2
- OrderCity
- OrderState
- OrderZip
- OrderCountry
- OrderPhone
- OrderFax
- OrderShipping
- OrderTax
- OrderEmail
- OrderDate
- OrderShipped
- OrderTrackingNumber

users
- 🔑 UserId
- UserEmail
- UserPassword
- UserFirstName
- UserCity
- UserState
- UserZip
- UserEmailVerified
- UserRegistrationDate
- UserIP
- UserPhone
- UserFax
- UserCountry
- UserAddress
- UserAddres2

orderDetails
- 🔑 DetailId
- DetailOrderId
- DetailProductId
- DetailName
- DetailPrice
- DetailSKU
- DetailQuantity