Activity 7

####Entity Relationships: * Products(**productid**, barcode, name, expira-tiondate, price, tax rate, quantity, supplier, manufactured date)
* Customers(**customerid**, name, phone, paymentinfo)
* Purchase(**purchaseid**, *customerid,productid*, time, quantity, price, tax, cost)

```
[diagram](EntityRelationshipDiagram.png)
```

```sql
CREATE TABLE Products(
productid int not null primary key,
barcode int,
name varchar(100),
expirationdate varchar(100),
price float,
tax float,
quantity int,
supplier varchar(100),
manufacturedate varchar(100)
);

CREATE TABLE Customer(
customerid int not null primary key,
name varchar(100),
phone int,
paymentinfo varchar(100)
);

CREATE TABLE Purchase(
purchaseid int not null primary key,
customerid int,
productid int,
time varchar(100),
quantity int,
price float,
tax float,
cost float
);


INSERT INTO Products(productid, barcode, name, expirationdate, price, tax, quantity, supplie
VALUES
(1,10101,"Brick","9/9/99",100.00,0.1,1,"brick co","8/9/93")

INSERT INTO Customer(customerid, name, phone, paymentinfo)
VALUES
(1,"Joe",1011011100,"card")
```

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```sql
INSERT INTO Purchase(purchaseid, customerid, productid, time, quantity, price, tax, cost)
VALUES
(1,1,1,"9:00",1,100.00,0.1,110.0)
```