Justin Mclain CSCI 466 spring 2021

**Store**(StoreID, address, manager)

**StoreProduct**(productID,storeID(fk),quantity)

**CityProduct**(productID(fk),cityName,state)

**City(**cityName(fk),state(fk),storeID(fk),headquatersAddr)

**Product**(productID(fk),storeID(fk),size,weight,description,color)

**ProOrder**(orderNum,productID(fk), quantity)

**Order**(orderNum(fk) , date, customerName)

**Customer**(customerName(fk) , email, address)

CustumerName is a foreign key under **customer** which has a home relation to **order**

**Order** has a foreign key of orderNum with a home relation to **ProOrder**

**ProOrder** has a foreign key of productID which has a home relation to **StoreProduct**

**Product** has a foreign key of productID which has a home relation to **StoreProduct** and a foreign key

Of storeID which has a home relation to **Store**

**City** has a foreign key of cityName which has a home relation to **CityProduct**, a foreign key of state which has a home relation to **CityProduct** and storeID as a foreign key which has a home relation to **Store**

**CityProduct** has the foreign key ProductID which has a home relation to **StoreProduct**

**StoreProduct** has a foreign key to storeID which has a home relation of **Store**