

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), headquartersAddr)

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

ProOrder(orderNum, productID(fk), quantity)

Order(orderNum(fk), date, customerName)

Customer(customerName(fk), email, address)

CustomerName 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**