Name: Guanqiong Shi

Student id: 6151613222

For this program, first you should sign up to create a new user. After you create it successfully, you can login in with the new user. If you successfully login in, you can click the button in the panel to do whatever you want. One thing to reminder is that If you want to find the nearest seller, you need to login in as an old user, for example you may login in as [bill@csci585.edu](mailto:bill@csci585.edu).

ER schema:

Address(ADDRID,APTNUM,STREET\_NO,CITY,STATE,ZIPCODE,MOBILEPHONE,VERTICE)

Contain(ORDERID,PRODUCT,QTY)

Customers(EMAIL,FNAME,LNAME,BIRTHDAY,NICKNAME,GENDER,ACCOUNT,EXPIRED,CSC,JOIN\_TIME,ADDRID,PROFILE)

Sellers(EMAIL,FNAME,LNAME,BIRTHDAY,NICKNAME,GENDER,ACCOUNT,EXPIRED,CSC,JOIN\_TIME,ADDRID,PROFILE)

Orders(ORDERID,CUSTOMER,PROQTY,TOTALPRICE,TOTALPRICE,PLACETIME)

Reviews(REVIEWID,RATING,CONTENT,AUTHORID,PRODUCTID)

Likereview1(REVIEWID,CUSTOMER,TIME)

Products(PRODUCTID,CATEGORY,NAME,BRAND,PRICE,STOCK\_QUANTITY)

Contain(ORDERID,PRODUCTID,QTY)

The primary key and foreign key can be seen at create table file.