**Name:** Chaitanya Gadgil

**USN:** 1BM19CS223

**Lab5:** Online shopping system SRS document.

The online shopping system is used to reduce the time and effort required for normal shopping.

It helps in managing orders, customers, shopping carts, admins etc.,

* The system is used by a user who can be an admin, a session manager or a customer
* The admin handles actions like create and delete departments and products. He can view the catalogue details and update new product details or existing ones and can also manage customers.
* The customers can register and login to the system, he /she can buy products by searching and also update their profiles.
* The session manager manages the session for a customer like listing products, getting customer details and give order details.
* A shopping cart feature exists which lists all the products a customer intends to buy
* The various orders can be placed in the system by giving relevant order details.
* There exist different departments which contains various categories of products and their info
* Once an order is placed the shipping info of the product must be available for product delivery to customers.

Classes with attributes and functions are as follows:

customer:

* name, email, phone,address ,creditcardinfo ,shipping
* login, register, updateprofile, search

shoppingCart:

* cartid, productid, quantity, dateadded
* assitem,removeitem,displaycartdetails,updatequality,checkout,calculteamount

user:

* userid, password, loginstatus
* verifylogin

orders:

* ordered, datecreated, dateshipped, customername, customerid, status, shippingid
* placeorder

admin:

* name, email
* createdept,createcategory,updateproduct,removedept,deletecategory,removeproduct

orderDetails:

* ordered,productid,productname,quality,cost,subtotal
* calculateprice

sessionManager:

* Userid,deptname
* getuserdetails,getdeptdetails

shippingInfo:

* shippingid,shippingregionid,shippingcost,shippingtype
* Updateshippinginfo

department:

* Deptid,name,description
* getcategory

product:

* productid,name,description,image,price
* display,getproductdetails

category:

* categoryid,name,deptid,description
* getproduct

cartItem:

* name,productid,quantity,subtotal,unicast
* calculateprice