Name: Ankit Kesar

USN: 1BM18CS150

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 catalog 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

Shopping Cart:

- cartid,productid,quantity,dateadded
- assitem,removeitem,displaycartdetails,updatequality,checkout,calculte amount

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

shipping info:

- shippingid,shippingregionid,shippingcost,shippingtype
- Updateshippinginfo

department:

- Deptid,name,description
- getcategory

Product:

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

Category:

- categoryid,name,deptid,description
- getproduct

Cart Item:

- name,productid,quantity,subtotal,unicast
- calculateprice