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**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