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ASSIGNMENT.NO.6

TITLE : Prepare Sequence Model.

Identify at least 5 major scenarios (sequence flow) for your system.

Draw Sequence Diagram for every scenario by using advanced notations using UML2.0

Implement these scenarios by taking reference of design model implementation using suitable object-oriented language

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package sequence;

import java.util.\*;

public class customer {

static public String email,password;

static Scanner ss = new Scanner(System.in);

static Scanner sx = new Scanner(System.in);

void login(){

System.out.println("1. Login");

System.out.println("Enter Email: ");

email =sx.nextLine();

System.out.println("Enter Password: ");

password = sx.nextLine();

System.out.println("Email: " + email + "\nPassword: " + password);

}

void searchproduct(){

System.out.println("Searching Product");

}

void viewproduct(){

System.out.println("List of All Products");

System.out.println("1.mens watch");

System.out.println("2.womens watch");

}

void addToCart(){

System.out.println("Product added to Cart");

}

void buyproduct(){

System.out.println("Confirmation Of Order");

}

void makepayment(){

System.out.println(" Payment successful!");

}

void cod(){

System.out.println("COD payment successful!");

}

public static void main(String args[])

{

int flag = 1;

String ans = "", ans1 = "";

customer c = new customer();

c.login();

admin a = new admin();

flag = a.validate();

if(flag == 1)

{

product p = new product();

deliveryperson d = new deliveryperson();

do{

System.out.println("1: Search Product\n2:View Product");

int ch = ss.nextInt();

switch(ch)

{

case 1:

c.searchproduct();

break;

case 2:

c.viewproduct();

break;

default:

System.out.println("Wrong Choice.");

break;

}

System.out.println("do you want to xyz@Continue?");

ans=sx.nextLine();

}while(ans.equals("Y") || ans.equals("y"));

c.addToCart();

c.buyproduct();

System.out.println("Do you want to make online payment?(y/n)");

ans1 = sx.nextLine();

if(ans1 == "y"){

c.makepayment();

}

else {

System.out.println("You selected COD payment method.");

}

p.sendproduct();

d.deliverorder();

System.out.println(ans1);

if(ans1.equals("n")){

c.cod();

}

}

}

}

---------------------------------------------------------------------------------------------

package sequence;

public class admin {

int validate(){

System.out.println("2. Validate");

String vEmail = "xyz@gmail.com";

String vPass = "xyz";

customer c = new customer();

if(vEmail.equals(c.email) && vPass.equals(c.password)){

System.out.println("Validation Successfull");

return 1;

}

else{

System.out.println("Email and Password Incorrect.");

return 0;

}

}

}

--------------------------------------------------------------------------------------------

package sequence;

public class product {

void sendproduct(){

System.out.println("Product is send for delivery.");

}

}

--------------------------------------------------------------------------------------------

package sequence;

public class deliveryperson {

void deliverorder(){

System.out.println("Order has been out for delivery.");

}

}

-----------------------------------------------------------------------------------------------

OUTPUT:

1. Login

Enter Email:

xyz@gmail.com

Enter Password:

xyz

Email: xyz@gmail.com

Password: xyz

2. Validate

Validation Successfull

1: Search Product

2:View Product

1

Searching Product

do you want to Continue?

y

1: Search Product

2:View Product

2

List of All Products

1.mens watch

2.womens watch

do you want to Continue?

n

Product added to Cart

Confirmation Of Order

Do you want to make online payment?(y/n)

n

You selected COD payment method.

Product is send for delivery.

Order has been out for delivery.

COD payment successful!