SLIT

Discover Your Future

Topic   : Online Shopping Mall

Group no   : MLB_PG.07.01_09

Campus   : Malabe

Submission Date :   19/10/2020

We declare that this is our own work and this Assignment does not incorporate without acknowledgment any material previously submitted by anyone else in SLIIT or any other university/Institute. And we declare that each one of us equally contributed to the completion of this Assignment.

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Exercise 1

1) Online shopping can be introduced as a turning point in modern technology. Online shopping Mall helps customers to do online shopping in various items such as clothes, Electrical devices, books etc. A registered customer can order items and cancel ordered items. He/she can also rate the site. An unregistered customer can browse for items. He/she can only order items, after registering to the site. The customer must provide information such as name, address, contact number and email address when registering. A registered customer can place an order from an online shopping. The order may consist multiple items. An unregistered customer and registered customer can search for items. This web page is divided into several sections called Home, log in, item, my account and customer care. When ordering items, payment details and delivery details must be provided. Payment can be done in various ways (eg: - Credit card, Debit card, PayPal). If the ordered item is under a discount, a discount must be added to the payment. Once the customer confirms the order and the payment is validated, the order is placed, and items are updated in the system. If customer wants to cancel any order, he/she can cancel it. Then it will be updated on the system. When ordering an item, you must enter some information under delivery details. The delivery manager obtains that information and delivers the item to the appropriate location. The customer can see the status of the order placed and get a list of previous orders. Administrator of the mall can create a report of ordered items and add discounts to the items.

1 Order items
2 Cancel ordered items
3 Rate the site
4 Browse for items
5 Register to the site
6 Provide information
7 Payment details
8 Delivery details
9 Add discount to the payment

10 Confirms the order

11 Validate the payment

12 Update the items

13 Delivers the item

14 Get a list of previous orders

15 Create a report of ordered items

16 Add discounts to the items

2)

1 Online shopping – Out of scope

2 Technology – Out of scope

3 Mall – Out of scope

4 Customers – Redundant

5 Items – Class

6 Clothes, Electrical devices, books – Attributes

7 Registered Customer – Class

8 Site – Out of scope

9 Unregistered Customer – Class

10 Information – Attribute

11 Sections – Out of scope

12 Home, log in, item, my account and customer care – Attributes

13 Payment – Class

14 Delivery – Class

15 Credit card, Debit card, PayPal – Attributes

16 Discount – Operation

17 Order – Operation

18 Delivery Manager – Class

19 Location – Attribute

20 Status – Attribute

21 List of previous orders – Attribute

22 Administrator – Class

23 Report – Class

3)

1 Items
2 Registered customer
3 Unregistered customer
4 Payment
5 Delivery
6 Delivery Manager
7 Administrator
8 Report

Exercise 2

Items	
Responsibility	**Collaborators**
Store details of items	
Update Status of Items	

Registered Customer	
Responsibility	**Collaborators**
Store customer details	
Order items	Payment, Delivery
Cancel items	
Rate the site	
Search for items	Items
Get a list of previous items	
See the status of the order	

Unregistered Customer	
Responsibility	**Collaborators**
Register to the site	
Browse for items	Items

Payment	
Responsibility	**Collaborators**
Store payment details	Registered customer
Specify payment method	Registered customer
Add discount to the payment	
Validate payment	

Delivery	
Responsibility	**Collaborators**
Store delivery details	Registered customer

Administrator	
Responsibility	**Collaborators**
Create a report	Report
Add discounts to the items	Items

Delivery Manager	
Responsibility	**Collaborators**
Deliver the order	Delivery

Report	
Responsibility	**Collaborators**
Store ordered items details	Items