



TEAM 23

DCIT 208 PROJECT

Deliverable 3

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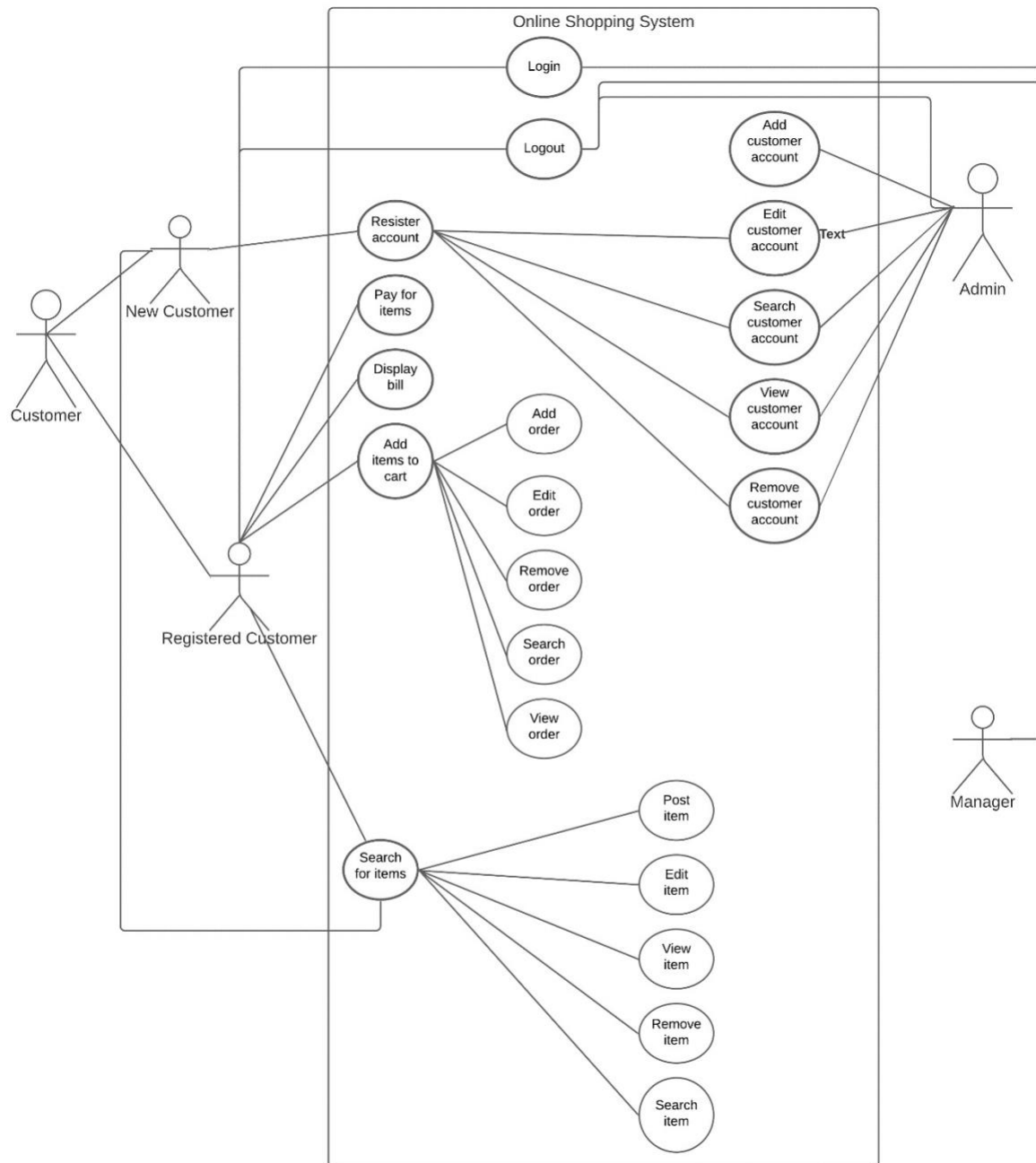
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The System is a Web application that is intended to allow people create accounts, look through a variety of products which has been grouped into categories. The system allows customers to know the cost of the item which they desire to purchase, order them, and add them to a virtual. Payments are allowed to be made for the items and are delivered to them in a specified period of time. Customers can also post products for potential buyers. The use case diagram below illustrates the overall functionality of the system



USER STORIES

1. Customer wants to view their account so uses the **login** feature to enter the account details. Once validated, customer gets access into the account.
2. The customer desires to see account so uses the **view customer option** to see account details.
3. Customer needs to make some changes to account so uses the **edit account** feature to make some changes.
4. The customer desires to remove account so selects the **delete customer account** option to delete account.
5. A new customer wants to buy some items so uses the **create account** option to establish an account and gain access to the “**add item(s) to cart**” feature.
6. Customer wants to locate a particular item, uses the **search** feature to find that item.
7. The customer, after finding an item uses the **view** option to gain more details about the item.
8. When Customer finds a product in store that he/she wants to buy, uses the **add item(s) to cart** feature to add the item to virtual cart.
9. Customer realizes wants to order an item so uses the **add order** option to place an order.
10. Customer wants to see more details of order so uses the **view order** feature to see more of information about the order.
11. Customer wants to make some changes to the order so uses the **edit order** option to edit order.
12. When Customer is on a different page and wants to find locate their order, Customer uses the **search order** feature to find their order.
13. The customer realizes no longer wants the order so uses the **remove order** option to delete the order.
14. After the customer has added some items to cart, Customer uses the **display bill** option to determine the exact value of the prize of the collective products Customer added to the cart.
15. The customer, wanting to finally purchase the products, uses the **pay for items** feature to purchase them.
16. When the customer realizes wants to sell an item, uses **post item** option to post the item on the website to attract buyers.
17. The customer wants to review the details about the posted item so uses the **view item** option to see them.
18. After the customer has posted their product, Customer uses the **search item** to find the posted item to see how it will look like to potential buyers.
19. Customer finds herself wants to make changes to posted item so uses the **edit item** to change some details about her product.
20. The customer decides to stop selling product so uses the **remove item** to delete the posted item from the website.
21. The customer wants to end session on the website so uses the **logout** feature to end.

PRE- AND POST-CONDITIONS

1. Pre-condition: email address or phone number and its respective password and internet connection.
Post-condition: customer gains access to his/her account.
2. Pre-condition: internet connection, an established Customer id account and has logged in.
Post-condition: access to the details of an account is given to the customer.
3. Pre-condition: internet connection, an established Customer id account and has logged in.
Post-condition: access to editable details of the account to given to the customer.
4. Pre-condition: internet connection, an established Customer id account and has logged in.
Post-condition: customer removes her account from the website.
5. Pre-condition: internet connection, valid email address or valid phone number that has been verified and suitable password.
Post-condition: established Customer account and gain access to several other features.
6. Pre-condition: internet connection.
Post-condition: customer locates a particular item on the website.
7. Pre-condition: internet connection.
Post-condition: customer gains more details about the item.
8. Pre-condition: internet connection, an established Customer account and has logged in. Post-condition: product is added to the virtual cart.
9. Pre-condition: internet connection, an established Customer account and has logged in. Post-condition: the item is ordered.
10. Pre-condition: internet connection, an ordered item, and an established Customer account and has logged in.
Post-condition: the detail of an order is displayed.
11. Pre-condition: internet connection, an ordered item and an established Customer account and has logged in.
Post-condition: access to editable details of an order is granted to the customer.
12. Pre-condition: internet connection, an ordered item and an established Customer account and has logged in.
Post-condition: a specific order is located.
13. Pre-condition: internet connection, an ordered item and an established Customer account and has logged in.
Post-condition: the ordered item is deleted.
14. Pre-condition: internet connection, an ordered item or items in cart and an established Customer account and has logged in.
Post-condition: the exact amount to be paid is displayed.
15. Pre-condition: internet connection, an ordered item or items in cart and an established Customer account and has logged in.
Post-condition: a payment gateway page is displayed.
16. Pre-condition: internet connection and an established Customer account and has logged in.
Post-condition: the item is posted onto the website.
17. Pre-condition: internet connection.
Post-condition: a detailed information of a selected product is displayed.
18. Pre-condition: internet connection.
Post-condition: the items related to the keyword is displayed.

19. Pre-condition: internet connection, a posted item and an established Customer account and has logged in.
Post-condition: access to editable details of the item is granted to the customer.
20. Pre-condition: internet connection, a posted item and an established Customer account and has logged in.
Post-condition: the posted item is deleted from the website.
21. Pre-condition: internet connection and an established Customer account and has logged in.
Post-condition: the customer is logged out of his/her account.

USER STORIES THAT CAN BE BROKEN INTO SMALLER USER STORIES

Customer stories 2, 8 and 18 can be broken down into smaller customer stories.
The other customer stories cannot be broken down into smaller customer stories.

NON-FUNCTIONAL REQUIREMENTS

- **Security:** transactions should be secure.
- **Maintainability:** changes should be easily made over time.
- **Performance:** pages should load very fast.
- **Availability:** the website should be always up and running
- **Capacity:** website should be capable of storing an unlimited number of products. - **Reliability:** the website should be reliable.

GLOSSARY

- **Item/ product** is a piece of goods that can be purchased or posted onto the website.
- **Account:** is established Customer system connected to a customer's credentials that allows the customer access to certain several features.
- **Feature:** is a characteristic component of the website.
- **Post:** is to display a product on the website for potential buyers to see.
- **Bill:** is the statement of the amount of money owed for goods to be paid by a customer.
- **Price:** the amount of money to be paid for a product.
- **Cart(virtual):** is a feature that works as an interface for customers to buy products.
- **Order:** is the contract between a buyer and the seller when the buyer purchases an item.