ASSIGNMENT 3

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SUBJECT: SOFTWARE ENGINEERING LABORATORY

SUBJECT CODE: CSS752

DEPT: COMPUTER SCIENCE AND ENGINEERING

4.Consider an "Online Shopping System" where customers can browse products, add items to their carts, place orders, and manage their account settings. Create an object diagram to represent the state of the system at a particular point in time.

Roles and Responsibilities:

•A Customer logs into the system and starts browsing Products.

•The Customer selects several Products to add to their Cart.

•The System updates the Cart by adding the selected Products.

•The Customer can continue browsing and adding more Products to the Cart.

•The Customer can view the list of Products in their Cart along with the calculated Total.

•The Customer proceeds to checkout, which involves providing payment and delivery details.

•Once the payment is successful, the System confirms the order and sends a confirmation email to the Customer.

•The Cart is cleared or emptied after a successful purchase.