

15/04/2022

## 5) Online shopping system

### Problem statement:

The online shopping system for all kinds of products is a web application intended to provide complete solutions for vendors as well as customers through a single gateway using the internet. It will enable the vendors to setup online shops, customers to browse through the shops and purchase them online without having to visit the shop physically. The administration module will enable a system administrator to approve and reject requests for new shops and maintain various lists of shop category. This system allows the customer's to maintain their cart for adding or removing products over the internet.

### The Use Cases of the system are:

- The system is used by users who can be admin, a session manager or customer.
- The admin handles actions like create and delete department products. He can view catalog details and update new product details or existing ones.
- The customer can register and login to the system, and can buy products by searching.
- The session manager manages the session for a customer like listing products, getting customer details and order details.
- A shopping cart feature exists which lists all products a customer wishes to buy.
- Various orders can be placed in the system by giving relevant order details.

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- There exists different departments which contain various categories of products and their information.
- Once an order is placed, the shipping information of the product must be available for product delivery to customer.