# MINI-PROJECT

**Abstract on Online Shopping Cart.**

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# Online Shopping Cart

## ABSTRACT

The Online Shopping is a web-based application intended for online retailers. The main objective of this application is to make it interactive and its ease of use. It would make searching, viewing and selection of a product easier. It contains a sophisticated search engine for users to search for products specific to their needs. The search engine provides an easy and convenient way to search for products where a user can Search for a product interactively and the search engine would refine the products available based on the user's input. The user can then view the complete specification of each product. They can also view the product reviews and also write their own reviews. The application also provides a drag and drop feature so that a user can add a product to the shopping cart by dragging the item in to the shopping cart. The main emphasis lies in providing a user-friendly search engine for effectively showing the desired results and its drag and drop behaviour.

## Existing System

Existing System consideration is Amazon and flipkart which are very popular shopping sites. The key feature is simple user interface along with secure payment technologies and data privacy. A user can easily sort, filter and selects products based on different categories which enhances the user interaction. Refund, cancelling and tracking orders is very user-friendly with enhanced customer support system which increases the CRM.

## Proposed System

The proposed system provides all the features of the existing system and provides Interactive interface through which a user can interact with different areas of application easily. It provides a great way for customer care.

## Users

### 1.Super-admin

Super-admins manages and controls admins and authorization.

### 2.Admin

Admins controls all the sellers and customers. Features include adding, blocking, authorizing, suspending, warning, etc…

### 3.Seller

Each seller has their own authorized category to sell products upon which is granted by the admin.

### 4.Customers

Customers buys the product from any category, each user is a customer.

### 5.Customer care

Authorized users by the admins to maintain Customer Relationship Management.

# Modules

### 1.Shop Products Module

This module starts when the user visits the home page or when a user searches for a product by entering a search term. This part of the application includes displaying all the products that are available or the products that match the search term entered by the user. The user can then filter these products based on various parameters like manufacturer, product type or a price range. A user can add a product to the cart either by dragging the product and dropping it in the cart or by clicking a button. The user would be able to see the shopping cart summary.

### 2.Product Description Module

This module starts when a user visits the product description page. A user can view various images of the product of different sizes. The use can see an enlarged image in a popup window. The user can view the complete specification of the product like its features, operating system supported, system requirements etc. A user can also view the manufacturer information and also information about rebates, exchange policies etc. A user can also view the reviews of the product. A user can also write a review for the product.

### 3.Shopping Cart Module

This module starts when the user views the shopping cart. All the products that have been added to the shopping cart by the user are listed along with their price and the quantity. The total price of all the products added to cart is displayed. A user can edit the quantity of each product or remove the product from the shopping cart. A user can remove the product from the cart by clicking a button or by dragging the product and dropping it outside the cart. The total price changes accordingly when a user edits the quantity of a product or when a product is removed from the cart.

## Software Requirements

Front end Development – *ReactJS*

Back-end Development – *NodeJS*

IDE – *Visual Studio Code*

Database – *MongoDB*


## Reference site

https://www.amazon.in/

https://www.flipkart.com/


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