



Design and Implementation of E-Commerce Site  
for Online Shopping

## **ABSTRACT**

In today's fast-changing business environment, it's extremely important to be able to respond.

to client needs in the most effective and timely manner. If your customers wish to see your business online and have instant access to your products or services.

Online Shopping is a lifestyle e-commerce web application, which retails various fashion and lifestyle products (Currently Men's Wear). This project allows viewing various products available enables registered users to purchase desired products instantly using PayPal payment processor (Instant Pay) and also can place order by using Cash on Delivery (Pay Later) option.

This project provides an easy access to Administrators and Managers to view orders placed using Pay Later and Instant Pay options.

## **INTRODUCTION:**

E-commerce is fast gaining ground as an accepted and used business paradigm. More and more business houses are implementing web sites providing functionality for performing commercial transactions over the web. It is reasonable to say that the process of shopping on the web is becoming commonplace.

The objective of this project is to develop a general-purpose e-commerce store where product like clothes can be bought from the comfort of home through the Internet. However, for implementation purposes, this paper will deal with an online shopping for clothes.

## **OVERALL DESCRIPTION:**

### **Description:**

- Any member can register and view available products.
- Only registered member can purchase multiple products regardless of quantity.
- Contact Us page is available to contact Admin for queries.
- There are three roles available: Visitor, User and Admin.
  - Visitor can view available products.
  - User can view and purchase products.
  - An Admin has some extra privilege including all privilege of visitor and user.

1. Admin can add products, edit product information and add/remove
2. product.
3. Admin can add user, edit user information and can remove user.
4. Admin can ship order to user based on order placed by sending
5. confirmation mail.

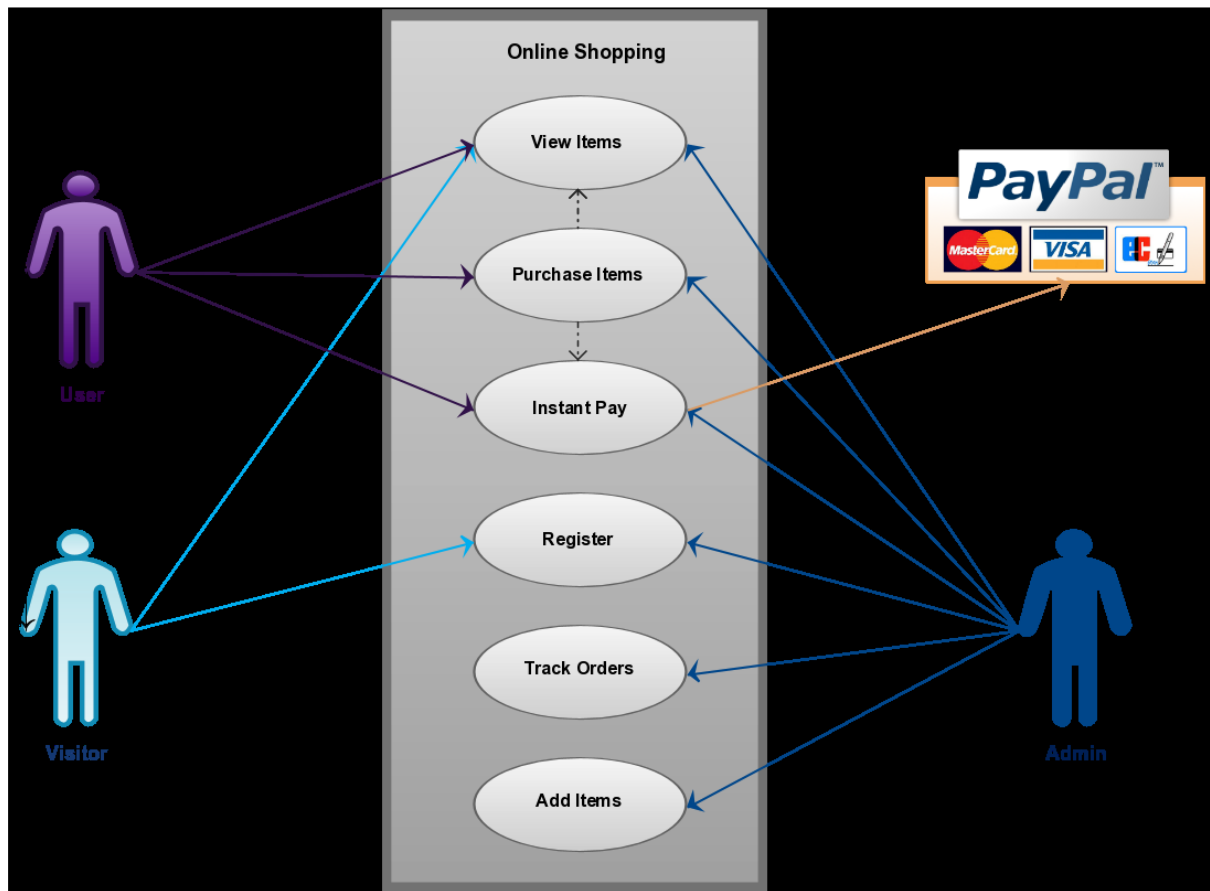
**Master Page details:**

Online Shopping Master Page (Similar Master Page for Visitor, User and Admin)

**Web Pages details:**

- Home Page
- About Us Page
- Clothing Page
- Order Page
- Contact Us Page
- Admin Page
- Login Page
- Register Page
- Track

## USE-CASE DIAGRAM:



## **Design and Implementation of E-Commerce Site for Online Shopping**

### **ONLINE SHOPPING APPLICATION:**

Anyone can view Online Shopping portal and available products, but every user must login by his/her Username and password in order to purchase or order products. Unregistered members can register by navigating to registration page. Only Admin will have access to modify roles, by default developer can only be an 'Admin'. Once user register site, his default role will be 'User'.

- Homepage
- Clothing Page (Products)
- Order Us Page
- Contact Us Page
- About Us Page
- Track for Admin Page
- Register Page
- Login Page
- Admin Page
- Order View for User
- PayPal For Payment
- Success URL
- Failed URL

### **Data Management:**

#### **Data Description**

This database consists of

- Users: User and Admin information is added to database with Unique ID based on their roles.
- Shopping: Complete products information is stored in this table.
- Orders: Customer ordered products, status and delivery information is stored in this table.

## Here Are the Best Ecommerce Platforms

- **Big commerce.**
- **Shopify.**
- **3dcart.**
- **WooCommerce.**
- **Volusion.**
- Prestashop.
- Weebly.