**1 INTRODUCTION:**  
**1 Purpose**   
  
OpenCart is a free, open-source ecommerce platform that enables the selling and purchasing of online products. This means that OpenCart provides access to its source code in order to modify and customize the online store. 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 Opencart 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. An online store is a virtual store on the Internet where customers can browse the catalog and select products of interest. The selected items may be collected in a shopping cart. At checkout time, the items in the shopping cart will be presented as an order. At that time, more information will be needed to complete the transaction. Usually, the customer will be asked to fill or select a billing address, a shipping address, a shipping option, and payment information such as credit card number. An e-mail notification is sent to the customer as soon as the order is placed.   
  
**Scope**   
  
  
Opencart allows you to keep a back upof all your data and store it for future purposes. This gives an advantage to the online retail stores as they can save all the important data for future references.  
  
**2 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. Admin can add products, edit product information and add/remove product. Admin can add user, edit user information and can remove user. Admin can ship order to user based on order placed by sending confirmation mail.

**Product Perspective**   
  
Various interfaces for the product could be- 1). Login Page 2). Registration Form 3). There will be a screen displaying information about product that the shop having. 4). If the customers select the buy button, then another screen of shopping cart will be opened. 5). After ordering for the product, the system will send one copy of the bill to the customer’s Email address   
  
  
**Web Pages details:**   
  
 Home Page   
About Us Page   
Clothing Page   
Order Us Page  
Contact Us Page   
Admin Page   
Login Page   
Register Page   
Track   
  
**Functional Requirements:**  
This section provides requirement overview of the system. Various functional modules that can be implemented by the system will be -   
  
**Description:**   
  
1 Registration If customer wants to buy the product, then he/she must be registered, unregistered user can’t go to the shopping cart.  
  
2 Login Customer logins to the system by entering valid user id and password for the shopping.   
  
  
  
3 Changes to Cart Changes to cart means the customer after login or registration can make order or cancel order of the product from the shopping cart.   
  
  
4 Payment In this system we are dealing the mode of payment by Cash. We will extend this to credit card, debit card etc. in the future.  
  
 5 Logout After ordering or surfing for the product customer has to logout.   
  
6 Report Generation After ordering for the product, the system will be sent one copy of the bill to the customer’s Email-address and another one for the system data base.

**Data Objects**   
  
User: ID, User Name, Password, Email, Role   
Shopping: ID, Product, Product ID, Cost, Category, Image, Description   
Orders: ID, Client, Product, Quantity, Price, Date, Order Shipped

|  |
| --- |
| Open Cart |
| Username,  Password  Brand, Price, code, Quantity |
| newUser()  returningUser()  Search()  Add to cart() |

**Class Diagram:**

|  |
| --- |
| Mobile |
| HTC  iPhone  Palm Trio Pro |

|  |
| --- |
| Camera |
| Canon  Nikon |

|  |
| --- |
| Laptops |
| HP  Mac Book  Mac Book Air  SONY VAIO |

Features of OpenCart:

\* Affiliates - OpenCart comes with an inbuilt Affiliate system, Set different percentages. Offer different payment options such as cheque, Paypal and a bank transfer.

\* Discounts, coupons, specials - OpenCart offers discounts, coupons and specials to cover the most popular ways to get attention and increase sales.

\* Back-up and restore - OpenCart allows you to set up your own back-ups and restorations. Looking for an easy way to update and bulk edit products, categories and everything