**REQUIREMENT SPECIFICATION**

**FOR**

E-Commerce Electronics

**1. Introduction**

***1.1 Existing system***

In existing system shopping can done in a manual way the customer has to go for shopping and then he is having possibility to choice the product what he wants.

***1.2 Purposed system***

This document is meant to delineate the features of The Online Shopping System (OSS), so as to serve as a guide to the developers on one hand and a software validation document for the prospective client on the other. The Online Shopping System (OSS) for electronics store web application is intended to provide complete solutions for vendors as well as customers through a single get way using the internet. It will enable customer to browse the product and purchase them online without having to visit the shop physically. It has many advantages, compare to traditional store as one can compare the cost of a product with other electronics websites, and if a user dislikes any product he/she can return get there into the bank account with out any trouble or problem. While we can make use of the current technology to overcome the problem with the existing system.

**3. Functional Requirement**

This section provides requirement overview of the system.Various functional modules that can be implemented by the system will be -

***3.1 Admin :***

Admin can manages all the functionality of the side like manage products , category and brand of the product Shipment etc. Give promison to end uers to access website and see the products detailes.

***3.2 User :***

***3.2.1 Registration***

If customer wants to buy the product then he/she must be registered, unregistered user can’t go to the shopping cart.

***3.2.2 Login***

Customer logins to the system by entering valid user id and password for the shopping.

***3.2.3 Cart:***

After selecting a product if the user wants to purchase it, later they can save the product in the cart.

***3.2.4 Payment :***

For customer there is now only one option for payment i.e Cash on delivery.Later on other options like credit,debit card,third party payment app like Paytm or Paypal will also be available.

***3.2.5 Order Confirmation***

After all transaction the system can generate the confirmation message of product and will send it on the customer mobile number and Email.

***3.2.6 Logout***

After the payment or surf the product the customer will logged out.

DATABASE STRUCTURE:

USER :

|  |  |
| --- | --- |
| **Column name** | **Data type** |
| Id | Bigint |
| NAME | Varchar |
| EMAIL | Varchar |
| PASSWORD | Varchar |
| CONTACT NO | Number |

Product Table :

|  |  |
| --- | --- |
| Coloumn type | Data Type |
| P\_id | Number |
| Title | Varchar |
| Summary | Text |
| Description | Longtext |
| Photos | Text |
| Stock | Int |
| Status | Varchar |
| Price | Double |
| Cart id | Bigint |
| Discount | double |
| Brand \_id | Bigint |

Brand Table :

|  |  |
| --- | --- |
| Column Type | Data Type |
| Id | Bigint |
| Title | Varchar |
| Slug | Varchar |
| Status | Enum |

Category table:

|  |  |
| --- | --- |
| Coloumn type | Data Type |
| Id | Bigint |
| Title | Varchar |
| Slug | Varchar |
| Summary | Text |
| Photos |  |
| Status |  |

Cart Table :

|  |  |
| --- | --- |
| Coloumn type | Data Type |
| Id | Bigint |
| Product id | Bigint |
| Order id | Bigint |
| User id | Bigint |
| Price | Double |
| Status |  |
| Quantity | Int |
| Amount | Double |

Order Table :

|  |  |
| --- | --- |
| Column type | Data Type |
| Id | Bigint |
| Order no | Varchar |
| User id | Bigint |
| Sub total | Double |
| Shoping id | Bigint |
| Total amount | Double |
| Quantity | Int |
| Payment method | Varchar |
| Payment status | Varchar |
| Status |  |
| First name | Varchar |
| Last name | Varchar |
| Email | Varchar |
| Phone no | Varchar |
| Country | Varchar |
| Post code | Varchar |
| Address 1 | Varchar |
| Address 2 | Varchar |

Shipping Table :

|  |  |
| --- | --- |
| Columns Name | Data type |
| Id | Bigint |
| Type | Varchar |
| Price | Double |
| Status |  |