

USN – 1BM19CS410

1. **Introduction**

1.1 Purpose:

This document is meant to delineate the features of 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 item shop 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 vendors to setup online shops, customer to browse through the shop 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.

1.2 Scope:

This system allows the customer's to maintain their cart for add or remove the product over the internet.

1.3 Definitions:

OSS- Online shopping System (for electronics item shop)

2. Overall Description:

The Online Shopping system (OSS) application enables vendors to set up online shops, customers to browse through the shops, and a system administrator to approve and reject requests for new shops and maintain lists of shop categories. Also the developer is designing an online shopping site to manage the items in the shop and also help customers to purchase them online without visiting the shop physically. The online shopping system will use the internet as the sole method for selling goods to its consumers.

2.1 Product Perspective:

This product aimed toward a person who don't want to visit the shop as he might don't get time for that or might not interested in visiting there and dealing with lot of formalities.

3. Specific Requirements:

3.1 Functional Requirements:

This section provides requirement overview of the system.

Various functional modules that can be implemented by the system will be -

3.1 Description:

3.1.1 Registration

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

3.1.2 Login

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

3.1.3 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.

3.1.4 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.

3.1.5 Logout

After ordering or surfing for the product customer has to logout.

3.1.6 Report Generation

After ordering for the product, the system will send one copy of the bill to the customer's Email-address and another one for the system data base.

3.2 Non-Functional Requirements:

Following Non-Functional Requirements will be there in the insurance to the internet:

- (i) Secure access to consumer's confidential data.
- (ii)** 24X7 availability.
- (iii)** Better component design to get better performance at peak time.
- (iv)** Flexible service based architecture will be highly desirable for future extension. Non-Functional Requirements define system properties and constraints.

Various other Non-Functional Requirements are: