**Introduction**

 The E-commerce System for Textile 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 administrator can approve and reject requests for new shops and maintain various lists of shop category.

**Overview**

This system provides an easy to solution customer’s to buy the product without go to the shop and also shop owner to sale the product. The system work on internet server, so it will operated by any end user for the buying purpose.

**General Description**

The developed system helps an online shopping site to manage the items in the shop and also help customers purchase them online without having to visit the shop physically.The online shopping system will use the internet as the sole method for selling goods to its consumers

**Software Required:**

* Notepad++
* XAMPP v3.2.1
* Web Browser

**Technical Issues**

This system will work on client-server architecture. It will require an internet server and which will be able to run PHP application. The system should support some commonly used browser such as IE etc.

**Interface Requirements**

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 all transaction the system confirms the order and the order will be delivered,

**Hardware Interface**

The System must run over the internet, all the hardware shall require to connect internet will be hardware interface for the system. As for e.g. Modem, WAN – LAN, Ethernet Cross-Cable.

**Software Interface**

The system is on server so it requires scripting language like PHP and JavaScript. The system requires Data Base also for the store the any transaction of the system in MYSQL. The system also require DNS(domain name space) for the naming on the internet. At the last user need web browser for interact with the system.

**Performance Requirement**

There is no performance requirement in this system because the server    request and response is depended on the end user internet connection.

**Design Constrain**

The system shall be built using a standard web page development tool that conforms to Microsoft’s GUI standards in HTML and CSS.

**Non Functional Requirements**

**Reliability**

The system provides storage of all databases on redundant computers with automatic switchover. The reliability of the overall program depends on the reliability of the separate components. The main pillar of reliability of the system is the backup of the database which is continuously maintained and updated to reflect the most recent changes. Thus the overall stability of the system depends on the stability of container and its underlying operating system.

**Availability**

The system should be available at all times, meaning the user can access it using a web browser, only restricted by the down time of the server on which the system runs. In case of a of a hardware failure or database corruption, a replacement page will be shown. Also in case of a hardware failure or database corruption, backups of the database should be retrieved from the server and saved by the administrator. Then the service will be restarted. It means 24X7 availability.

**Maintainability**

A commercial database is used for maintaining the database and the application server takes care of the site. In case of a failure, a re-initialization of the program will be done. Also the software design is being done with modularity in mind so that maintainability can be done efficiently.

**Portability**

The application is HTML and scripting language based. So The end-user part is fully portable and any system using any web browser should be able to use the features of the system, including any hardware platform that is available or will be available in the future. An end-user is use this system on any OS; either it is Windows or Linux.The system shall run on PC, Laptops, and PDA etc.

**Operational Scenario**

The customer wants to buy item. The system shows all product categories to customer. If customer select item then they listed in shopping cart for buying.The payment will made with credit card or bank check. If customer wants to cancel the order before shipping then he or she can cancel it. Customer can see the buying report on account detail.

**Layout**







