

5. ONLINE SHOPPING SYSTEM

Software Requirements Specification

Purpose

This document is meant to delineate the features of Online Shopping System, 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 for electronics item shop web application is intended to provide complete solutions for vendors as well as customers through a single gateway using the internet. It will enable vendors to setup online shops, customers 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 categories.

Scope

E-commerce is a term for any type of business, or commercial transaction that involves the transfer of information across the internet. It covers a range of different types of businesses from consumer-based retail sites, through auction or music sites, to business trading goods and services between corporations. It is currently the most important aspect of the internet to emerge.

Requirements

1. Functional Requirements

- a. Provide Search Facility.
- b. Tailored content for the user.
- c. Displaying related items.
- d. Create sellable items on websites.
- e. Provide a personalized profile.
- f. Detailed invoice generation.
- g. Provide shopping cart facilities.
- h. Allow multiple payment methods.

2. Non-functional Requirements

- a. Provide better performance than usual as the website is run from a server and takes an initial load of internet to fetch.
- b. Provide secure data transfer between server and customer system.
- c. The server should provide sufficient data storage for customer data.
- d. The system should make the whole process reliable.
- e. Providing safety from errors, damages, accidents considerable or non-considerable.
- f. The database should be properly maintained

3. User Requirements

- a. Login/sign up page. Homepage containing productions according to user interest.
- b. Screen displaying information about products and user searches.
- c. On selecting a product, the new tab is opened.
- d. A user copy of the invoice generated.