

Software Requirement Specification (SRS) for Sneakerz Store

1. Introduction

1.1 Purpose:

The Sneakerz Store web application is intended to provide complete solutions for customers through a single get way using the internet. It will enable 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 maintain various lists of shop categories.

1.2 Scope:

This system allows the customers to maintain their cart for add or remove the product over the internet based on their availability. Customer will be able to review order history and able to cancel order within 24 hours.

1.3 Definitions:

SS- Sneakerz Store

SRS- Software Requirement Specification

GUI- Graphical User Interface

Stakeholder- The person who will participate in system

Ex. Customer, Administrator, Visitor etc.

1.4 Overview:

This system provides an easy solution for customers to buy the product without going to the shop .

This proposed system can be used by any naïve users, and it does not require any educational level, experience or technical expertise in the computer field, but it will be of good use if the user has a good knowledge of how to operate a computer.

2. Overall Description:

The Sneakerz Store (SS) application enables customers to browse through the shops, and a system administrator to maintain lists of shop categories. Also, the developer is designing an online shoes shopping site to manage the items in the shop and also help customers to purchase them online without visiting the shop physically. The Sneakerz Store will use the internet as the sole method for selling goods to its consumers.

2.1 Product Perspective:

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

2.2 User Characteristics:

Users should be familiar with the terms like login, register, order system etc.

2.3 Principle Actors:

Principle Actors are Customer and Administrator.

2.4 General Constraints:

A full internet connection is required for Sneakerz Store.

2.5 Assumptions and Dependencies:

Working of Sneakerz Store need Internet Connection.

3. Specific Requirements:

3.1 Functional Requirements:

This section provides a 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 a customer wants to buy the product, then he/she

must be registered, unregistered users 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 with the mode of payment by Cash and Online payment mode like UPI payments. We will extend this to credit card, debit card etc. in the future.

3.1.5 Logout

After ordering or surfing for the product, the customer has to log out.

3.1.6 Report Generation

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

- **Security**
- **Reliability**
- **Maintainability**
- **Portability**

- Extensibility
- Reusability
- Compatibility
- Resource Utilization

3.3 Performance Requirements:

In order to maintain an acceptable speed at maximum number of uploads allowed from a particular customer as any number of users can access the system at any time.

Also, the connections to the servers will be based on the attributes of the user like his location and server will be working 24X7 times.

3.4 Technical Issues:

This system will work on client-server architecture. It will require an internet server, which will be able to run PHP applications. The system should support some commonly used browsers such as IE, Mozilla Firefox, chrome etc.

4. Interface Requirement:

Various interfaces for the product could be-

- 1). Login Page
- 2). Registration Form
- 3). There will be a screen displaying information about products that the shop has.
- 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

Software Interface:

1. Operating System: Windows10 and above.
2. JAVA development toolkit.

Hardware Interface:

Hardware requirements for insurance on internet will be same for both parties which are as follows:

Processor: Dual
Core RAM:4 GB
Hard Disk:256 GB