

Software Requirements Specification

Introduction

Purpose

This product is built to help the customers purchase our products from anywhere in the world using a computer. It fulfills the need of selling our products all around the world while making it easy and convenient for the customers to buy our products.

Intended Audience

This document can be used by software engineers, test engineers, project managers, stakeholders, sales team, marketing team and any other department/team that this document might be of use/helpful.

Intended Use

The use of this software is for users to be able to view the item, add/remove any item from the cart, show the total price including tax at checkout and/or in the cart and be able to checkout using various payment methods. They should also be able to input a shipping address and if input a non-existent address, it should force users to input a correct address. After the checkout, a confirmation email of the order should be sent to the users email.

Scope

This software allows users to view the item with a picture and description and then allow them to add/remove it from the cart. It will then allow the user to ship the item/items to the address provided.

Definitions and Acronyms

Success- Running of the software with no errors

Risk- The software has errors or bugs which are currently present or may occur in the future.

Overall Description

User Needs

The user can expect to be able to view items and add/remove the items from the cart and get it shipped to their desired address. The user will need some kind of computer with the internet to run this software.

Assumptions and Dependencies

It is assumed that the software we made will run with the users hardware and their internet browsers.

The software is dependent on a computer with an internet.

System Features and Requirements

Functional Requirements

For this product to function following things are essential:

- 1) Login page
- 2) Registration form
- 3) Page with all the items
- 4) Page with a picture and description of the item clicked
- 5) After the order is placed, the order needs to go to the shop/warehouse and a record of it must be made
- 6) A copy of the order needs to be sent to the users email

Interface Requirements

The interface requirements are as follows:

- 1) It should be able to run on Windows, Mac and Linux operating systems
- 2) Hardware requirements:
 - a) Processor: Dual core
 - b) RAM: 2GB
 - c) NIC: For each party
- 3) The user and us should be connected by either LAN or WAN.

System Features

When the user logs in, the software will verify its credentials and signs in the user. If the user doesn't have an account yet, it will take the user to fill out the registration form and save all the information in a database which will be used to verify the credentials next time they log in. Then all the items will be shown with a picture and the name of the item, depending on categories if the users choose to do so. The items will be saved in a database and when clicked

on the item, it will show us every detail of the item stored in the database. If the user chooses to put it in his/her cart, it will be stored in another database/lists. If the user chooses to remove it from the cart, the item will be removed from the database/list. When the user is ready to check out, they can do so by putting their information on address and payment method in, if either of them were saved, it will be shown from the database where it was saved. When the payment is processed, an order will be sent to the shop or the warehouse and a copy of a receipt will be sent to the users email.

Non-functional Requirements

None