Software Requirement Specification Document

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**1. Introduction**

This website provides a market place where customers can buy new, used and refurbished products. Cash on Delivery option available for users. There will be unlimited number of site Users and Products Listing. It allows the visitors to view the website in their own preferred way. There will be two product categories: Laptop and Phones. Customer can buy any item just sitting on their couch.

**1.1 Purpose**

The purpose of this website is to create a platform where people can buy new featured items of laptop and phones, who are fond of such things, can add items to their wish list and can order it through their account on the website.

**.2 Scope**

The Scope of this project is to attract people who want to get feasible way of buying items with online convenience where they can order at all hours of the day. The major advantage of this project is time saving. You can make offers even you are at home or Lunch break. User have multiple choices all around the world through which travelling cost is cut off. The use of this website will help you in the select exactly what you are looking for and it will filter out the rest.

**1.4 Overview**

In today’s world, everything is shifted towards remote control. People like to have new technologies in their use. Some people just hates electronic shopping because they are changed timely. Whereas, E-commerce website is a place where you can buy any item from all over the world, it gives you many options to choose perfectly. It’s an online sites which saves your time and money too. You can buy new featured items while sitting in the couch of your home or your office. With the secure and safe place Users find a convenient way to buy an item which reduces illegal and fraud cases. The benefits of e-commerce sites make a lot of sense in the world of online shopping,

**2. The Overall Description**

The product will consist of two categories, Laptops and Phones etc. The product will be displayed on website as soon it comes from Company, So, user will have a chance to get latest products in their hands!

**Major components and their interaction**

* User can see the displayed item only with valid Email id and password.
* In case of forget password, system will allow user to reset the password.
* User can search any item and view it.
* User can save the items
* User can like, share and report the item.
* User can view his shopping annually; Administrators will save a Database Backup periodically.
* New Arrivals and Featured Products (manageable by portal admin team).
* Buyer can create multiple wish lists and can add their favorite products to any of the wish lists
* Ability to edit personal information
* Billing & Shipping Addresses Management
* Orders History & Order Confirmation
* User can contact admin in case of facing any issue from websites.

USER REGISTRATION PROCESS

* User Registration with specific fields like Username, Name, Email, Password, Login Module for user login from the front end and user has Recovery Password Option too.

User Profile:

* After login user can view and edit their profile page. User can change the password. The profile page has My accounts, My orders, My wishlist options.

ADMIN FUNCTIONALITY

* Admin can view the entire user list, and can edit the user profile details. Admin has authority to delete / Block any user.
* Admin can able to add images and Admin can also view/edit the images. Admin can delete the images too!

Website will have following Menus in the Home page.

* Home
* About us
* Products
* Categories and sub categories
* Contact us

**2.1 Product Perspective**

The Website has two users Buyers and Seller. Product will be displayed in the form of image. Seller can manage all items for sell according to his choice. System will have some database online connection to faster retrieve the data.

**2.2 User Characteristics and classes**

User and buyer should know how to use internet and basic actions. This website will allow following user actions.

For user: Signup, Search, Follow, Add to cart, Save

For seller: upload item, set price, sell item

**2.3 Assumptions and Dependencies**

The user can use this website only with authentic ID and password.

To switch to seller account, you need to first register as a user.

**3. Specific Requirements**

**3.1 System Feature:**

The system provides a secure Login module for both seller and user, system will redirect the administrator to other functionality.

**3.2 User details:**

User or seller info like name, emails, password are handled by user module. User module will have saved info of user or seller.

**3.3 Product details:**

This module will have product details like image, description, bid price and time, type , availability.

**3.4 Seller details.**

This module will have seller details like seller id, name, biography, mobile number and location.

**Method and paradigms:**

**4 External Interfaces**

**4.1 System Interfaces**

In front-end HTML, CSS, JavaScript, Bootstrap, React concepts will be used. Else Java, SQL and others will be reviewed.

**4.2 User Interfaces**

This website is based on webpage. All the product will be displayed in an image along with description. The website is minimal styled to make it user friendly. HTML and CSS is used to set the page layout.

**4.3 Hardware Interfaces**

Laptop, Windows, mobile.

**4.4 Software Interfaces**

Any Web browser.

**4.5 Communications Interfaces**

To transfer information Client to server HTTP protocol is used for communication. HTTP will be sending information secretly to web browser.

**5 Performance Requirements**

The website will be used on web browser so it needs an active internet to use properly. All the data is entered through internet from devices so devices should have internet too. All the data will be stored on server database, so it requires connection.

**5.1 Design Constraints**

It is web application system running over web page or browser environment.

**5.2 Reliability**

All are the information will be kept secretly from public to avoid the fraud cases.

**5.3 Availability**

Available with an active internet resources.

**5.4 Security**

This website uses an authentic login or registration which will be associated with administrator. All the details will be kept secretly. The user and competitor bidder info will not be displayed publicly.