**Chapter 1**

**1. Introduction**

**1.1 Purpose**

Our project is all about e-shopping (A type of E-commerce). It will facilitate the user (customers) to purchase things without going to store. It will address the shopping related problems. We will give the facility to merchants to upload their products on the store for sale. This web application is intended to provide complete solutions for merchants as well as customers through a single get way using the internet.

**1.2 Intended Audience**

* Developers
* Managers
* Marketing Staff
* Users
* Testers
* Documentation Writer

**1.3 Intended Use**

|  |  |
| --- | --- |
| **Audience** | **Use** |
| Developers | They will use this document for guidance and implementation phase. |
| Managers | They will see constraint all cover properly. Time and cost is within limits or not. |
| Marketing Staff | They can use this document to make advertisements for this web store because by reading this document they will know what the system will do? How this system is different from others |
| Users | They can ensure there self by reading the SRS that their needs being met in the web store or not. |
| Testers | They will test the implementation of the project according to the SRS base |
| Documentation Writer | They will use this document during the documentation of the project. It will be really helpful for them |

**1.4 Product Scope**

* We will provide the best functionality of Amazon, buy, eBay etc.
* Our project is the follow on of c’s cart, general retail store etc type’s projects. It will contain most of the functionalities of these products with some new advancement.
* Our site will be available 24 hours a day and 7 days in a week. There will be partially maintenance for once a week.
* Our primary objective is to facilitate the customer. Through online shopping he will save a lot of time.
* Different companies (especially new one) will get chance of cheap advertising.
* We will guide user to buy good products through our online help system.
* We will provide excellent security for user details especially for credit card numbers.
* We will also provide different survey, reports that show different companies performance details.
* We will manage customer accounts.
* We will provide the email facility for further correspondence.
* We will maintain database for different users.
  1. **Risk Definition**
* **Online Security:** There is a whole range of security threats out there to beware of, including malware, phishing attacks, hacking and spam mail.To defend against these threats, make sure that we update our platform’s operating system regularly and use a strong SSL (Secure SocketsLayer).
* **System Reliability:** The Internet service provider (ISP) server could crash, our online payment system could show errors and the plugin could have bugs.
* **Privacy Issues:** Customers’ personal data could be compromised and used for spamming, identity theft and unsolicited marketing.

In addition to the online security measures previously mentioned, make sure to require customers to use strong passwords.

* **Intellectual Property Issues:** Your website images, product descriptions, logos, videos, music, as well as your products, could be copied by others, or violate someone else’s intellectual property.
* **Return of Goods and Warranty:** Common headaches when dealing with product returns: Increase in supply chain costs and not being able to resell the items at their original price**.**

**Chapter 2**

**Overall Description**

**2.1 User Classes and Characteristics**

|  |  |
| --- | --- |
| Classes | Characteristics |
| Admin | It will be the system administrator class He will maintain the overall web store. |
| Customer | It includes the people who will purchase the things. It will save the attributes of product sale. |
| Login | This class will make login of customers and admin. |

**2.2 User Needs**

This product is going to be used by the people who are comfortable to bye a product from online ,basically young and middle age people are the primary user of this product.our secondary user will be those people who can not manage their time to bye a product from market.

**2.3 Operating Environment**

We will use Java for building the website. Laravel will be used for frameworks and also we have to use database to store data and information. A full internet connection is required and any operating system and a browser like Mozila Firefox, Google Chrome, Internet Explorer etc.

**2.4 Constraints**

* We have to complete the whole project in a very limited time (3 months).
* Default language will be English. It will not be available in other languages.
* We are not experienced in building website but we will try our best.

**2.5 Assumptions**

We are not such kind of professional software builder but we think if we work hard regularly it will be easy for us to complete this project. All things will be happen according to the plan In-Shaa-Allah.

**Chapter 3**

**Requirements**

**3.1 Functional Requirements**

* **Login/Registration:** Customers can register and login to the system.
* **View Product:** View the details of the product.
* **Insert a Product:** Admin can insert a new product to make rich their website store collection for customers.
* **Update Product:** Admin can update the product list like how much product they have and what have to add.
* **Delete Product:** Which products are not available admin can remove that product from the database or the list.
* **Add to cart:** Customers can add products they want to buy in cart.
* **Remove from Cart:** Customers can remove a product from cart that they don’t want to buy.
* **Payment:** Customers can select payment methods & do payment and also there will be cash on delivery system.
* **Wish-list:** A list of products that customer wishes to buy or will buy later on.
* **Report Generation:** After ordering products the system has to send a copy of the bill to customer’s Email address and another one for the system database.
* **Logout:** After ordering or surfing the product customer has to logout.

**3.2 Non-Functional Requirements**

* Secure access of confidential data (Customer’s data)
* Discount for regular customer
* 24x7 availability
* Better component design
* Reliability
* Maintainability
* Portability