**Vision Document for “Online shopping System”**

**Team members:**

Efrem Tekle (109623)

Daniel Abraha (109548 )

Luwam Tesfamariam (109410)

Suresh Prajapati (109524)

Sunena Gwachha (109578)

1. **Introduction**

This project aims to develop an online shopping for customers with the goal so that it is very easy to shop your loved things from an extensive number of online shopping sites available on the web. With the help of this you can carry out an online shopping from your home. Here is no compelling reason to go to the crowed stores or shopping centers during festival seasons. You simply require a PC or a laptop and one important payment sending option to shop online. To get to this online shopping system all the customers will need to have an email and password to login and proceed your shopping. The login credentials for an online shopping system are under high security and nobody will have the capacity to crack it easily. Upon successful login the customers can purchase a wide range of things such as mobiles, books, apparel, jewelry, infant care, gifts, tools, etc. can be dispatched using online shopping system. Not just these, you can also purchase from outside nations by few clicks on your mouse. And of course, you will get your requested ordered items at your door step. It is simple. No need to go physical shops with this you will have more time to spend with your family. It Just need a computer and a payment making options like net banking, credit card, debit card or PayPal. Almost a wide range of things can be brought through online shopping system. You can purchase goods from foreign places from your bedroom and you will get your goods at your home. It is extremely secure.

Key Features:

* Allow user to create an account.
* Manage customer details (Admin)
* Track information of sales of product and total customer
* User friendly interface for better user experience without prior technical knowledge
* Easy information insertion and update of products

**2.1 Problem Statement**

|  |  |
| --- | --- |
| The problem of | Buying products from shop directly, managing the products quality, logistics are mess |
| Affects | customers, staff and administration |
| the impact of which is | Shopping takes more time and expensive when buying directly from the shop. |
| a successful solution would be | Build a software which helps customer to order products online and gives customer more online shopping options |

**2.2 Product Position Statement**

|  |  |
| --- | --- |
| For | customers |
| Who | operational integration  between customer and products in the stores |
| The (product name) | is a shopping system based on web application |
| That | provides service to on-line customers and an  administration. |
| Unlike | Traditional manual recording of products sales and customer records. |
| Our product | Our product can help customers make searches, add/remove products to/from cart and purchase from website.  Administrator can add/update the product and generate a discount occasionally. |

**3. Stakeholder Descriptions**

**3.1 Stakeholder Summary**

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Customer | Customer is potential client of the store | Customer can view product details and add/remove items in cart through website |
| staff | involve in the shipment of the ordered items. | Manages the customer orders and are responsible to make sure the ordered items are delivered at right time. |
| Suppliers | provide high-quality products from a manufacturer at a good price to a distributor. | Make sure they supply products at right time and the expected quantity. |
| Developers | Develop Systems on the basis of given document | Responsible for developing system features, fixing bug and maintaining the system’s availability. |
| software quality assurance  (QA) | Use jUnit tool to test system | Responsible for integration testing |
| Admin | Admins add, edit or delete product from store and may give discount | Admins are responsible for setting up, insert initial data and managing system |

**3.2 User Environment**

Online Shopping will be available through the web for Customers to look products and shop online. There are five members involve on the task. Since it will be accessed through the network it will have the standard server-client architecture. The server will need to be able to run java and the client needs web browser. We are going to use eclipse, Spring-boot, Spring Tool Suite and MySQL data base as working environment.

**4.2 Assumptions and Dependencies**

1.Customer/user has an active internet connection or has access to view the website

2.Customer/user runs an operating system which supports internet browsing

3.Our website will not be violating any internet ethnic or cultural rules.

**4.3 Needs and Features**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **problem** | **Need** | **Priorities** | **Features** | **Planned Release** |
| **Customer/user** | | | | | |
| **1** | Products are expensive if it purchased directly from the shop | Customers needs to buy product with low price |  | Customers can buy with low price and chose from variety of products. |  |
| **2** | Takes more time  If products are bought directly from the shop | Customer needs to order from home and work. |  | Customers can order from home at any time |  |

**5. Other Product Requirements**

The proposed software system can be used even by the naïve users and it doesn’t require any educational level, experience, and technical expertise in computer field, but it will be good use if the user has the good knowledge of how to operate a computer.