**SRS Document**

**Purpose :**

The aim of this document is to explain the functionality of the OSM . It is the outcome of rigorous consideration of the requirements of the customer, by the various groups. The OSM for Clothing, Groceries, Footwear, dairy products, handicraft items shop web application is intended to provide complete solutions for sellers as well as customers through a single get way using the internet.

**Definitions :**

SRS : Software Requirement specification

OSM : Online Shopping Mart

GUI : Graphical User Interface

**Functions Description :**

1. Provide product details :

The application will display detailed information of the selected products.

1. Search facility :

User can enter search text & get the related product list depend on search text.

1. Provide multiple shipping methods :

The system enable user to select the shipping method during payment process. Also display shipping charges.

1. Multiple payment method :

The system allow user to select the payment method for order.

1. Provide Shopping cart:

User allow to add/remove products in the shopping cart

1. Items Sorting :

Sort items by its prize.

Sort items by category

1. Seller functions

Can add or delete items

Edit items details

**Specific Requirement**

**User Interface : help issue & security issue**

The user interface for the software shall be compatible to any browser such as Internet Explorer, Chrome or Mozilla by which user can access to the system.

GUI :

The system provide a uniform look and feel between all the web pages. And provide a digital image for each product in the product catalogue

**Back-end Server configuration :**

Intel(R) Core(TM) i5-8250U CPU @ 1.60GHz 1.80 GHz

8 GB RAM

64-bit operating system, x64-based processor

101 Keys Keyboard

1 Microsoft Mouse with pad

One Serial & Two Parallel Ports

Internet Information Server(IIS)

Microsoft Transaction Server(MTS)

**Front-end client configuration:**

Intel(R) Core(TM) i5-8250U CPU @ 1.60GHz 1.80 GHz

4/8 GB RAM

10 GB Hard Disk Drive

One Serial, One Parallel port and One USB port.

101 Keys Keyboard

PS2 Mouse with pad

Since the application must run over the internet, all the hardware shall require to connect internet will be hardware interface for the system. As for e.g. Modem, WAN – LAN, Ethernet Cross-Cable.

**Software configuration for back-end Services**

Windows 11

SQL Server 8.0

Eclipse-ide

**Software configuration for Front-end Services**

Virus Protection Software

Client Work station

Web Browser – Internet Explorer/Netscape

Norton Utilities

TCP/IP

Other client application software as per requirement

**Communication Interfaces**