

# ONLINE SHOPPING SYSTEM

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## PROBLEM STATEMENT

Shopping outdoors in today's time is difficult. This software aims to provide an at-home shopping centre experience for customers so that it is very easy to shop for your basic necessities and fancy wishes. It reduces the chances of you going out and provides an amazing experience right from your home, at a click of button. Customers simply require a laptop or PC with an internet connection.

## FUNCTIONS OF THE SYSTEM

1. Delete item from inventory when sold
2. Add item to inventory when received from factory
3. Add item to inventory when received due to return, refund
4. Place order to factory
5. Take orders from customers and prepare for shipment
6. Track shipment of products
7. Maintain inventory costs

## SRS DOCUMENT

### 1. INTRODUCTION

#### 1.1 PURPOSE OF THE REQUIREMENTS DOCUMENT

The requirements document help organise the requirements of the system to be built. The document will help organise and prioritise the requirements.

#### 1.2 SCOPE OF THE PROJECT

The purpose of the "Online Shopping System" software is to help facilitate the shopping, ordering and paying for customers as well as the sellers. The software is useful for sellers with an internet connection and an inventory, to help with online selling. The software can be used by small and large business alike.

#### 1.3 DEFINITIONS, ACRONYMS AND ABBREVIATIONS

System - a set of things working together as parts of a mechanism or an interconnecting network; a complex whole.

Online - connected to, served by, or available through a system and especially a computer or [telecommunications](#) system (such as the [Internet](#))

#### 1.4 REFERENCES

N/A

#### 1.5 OVERVIEW OF REMAINDER DOCUMENT

The remainder of document gives an overview of requirements for the “Online Shopping System”.

### 2. GENERAL DESCRIPTION

#### 2.1 PRODUCT PERSPECTIVE

The system can be used by any owners, who have an internet connection and an inventory.

#### 2.2 PRODUCT FUNCTIONS

- Add a product
- Change price of product
- Delete product
- Change quantity of product
- Login/logout
- Create account
- Add an item to cart
- Change details of the item (quantity)
- Place order
- Track order
- Delete order

#### 2.3 USER CHARACTERISTICS

- Seller-  
The sellers must have an internet connection and an inventory, to help with online selling.
- Buyer –  
The buyer must have an internet connection and online paying options, like online banking or credit card.

#### 2.4 GENERAL CONSTRAINTS

The sellers and buyers must have a stable internet connection. Also the system is most effective if most or all processes from buyer's side are automated.

## 2.5 ASSUMPTIONS AND DEPENDENCIES

- The seller has a stable internet connection.
- The seller has an inventory.
- The buyer has an online payment method

## 3. SPECIFIC REQUIREMENTS

### 3.1 FUNCTIONAL REQUIRMENTS

- Reports must be generated daily
- Alerts must be sent to seller when decrease in quantity of product.
- Alerts must be sent to seller when buyer places an order.
- Alerts must be sent to buyer when an item is delivered.
- The buyer must be able to put an item in cart.
- The seller must be able to update his products.

### 3.2 NON-FUNCTIONAL REQUIRMENTS

- The system must be reliable
- The seller data must be safe and only visible to the seller.
- The buyer data must be safe and only visible to the buyer.
- The operations must be performed fast.

## 4. APPENDICES

SRS: Software Requirement Specification

OSS: Online shopping system

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