Software Requirement Specification(SRS) for

E-Retailer portal

# Introduction

### Purpose:

This project is meant to serve the relationship between the wholesalers and the retailers. Looking at the growing virtual systems there is a need to have a business to business communication website which will solve a problem of shortage of product on retailer’s side and to get the products on time and have a fruitful communication with the wholesalers in timely manner solving the real time issues.

### 1.2 Scope:

This system will provide one click online order placing for the retailer and the business growth to the wholesaler.

**NEED OF THIS SYSTEM**

In this modern era still entire business model between retailer and wholesaler are either rely on past relations they maintain or just verbal convincing approach by wholesaler which means no confirmation of delivery date and rate of product.

For not knowing different wholesalers available in the market, retailers buy products only from the wholesalers they know and end up giving high rate

Many times due to late delivery of product by wholesaler the retailer has to return their valuable customer which substandard the customer relation

**1.3 Overview**

This system is designed especially for large, premium and small retailer business and the local wholesalers. E-retailer portal provide the complete functionality of placing the order from the retailer and acknowledgement from the same and getting the orders accepted from the wholesaler. This system is going to provide ease of comparison with the price of the same product and also the location with the different wholesalers.

This system will have **Retailer, wholesaler and the Admin**.

* Retailer can update the quantity they have in their shop according to the quantity the items/products will be sorted for “Placing-order” function, like if the item has reached the threshold level of the quantity then that will come under the list of orders to be placed. Retailer will chose the item to place an order and according to the item/product, wholesaler list will be filtered & displayed to the retailer.
* Wholesaler can update the product list on their site and can accept the order request or deny and once the order has been accepted and delivered to the retailer then retailer will send the acknowledgement. Wholesaler will be able to see the list of retailers whose order they are going to fulfil.
* Admin will be able to delete the retailer/wholesaler depending on the reviews.

**2.Overall Description**:

The E-retailer portal enables admin to delete any retailer/wholesaler as per their review, Wholesaler can view requested item from him, check his stock available and deliver product to the retailer. Retailer has the opportunity to check its stock daily under threshold limit and request for the particular product to wholesaler at lowest price and at nearest location.

**2.1 Product Perspective**:

This product aimed toward retailer who have to pay high rate to wholesaler they know because of recognizance in the market.

**3.Actors and Functions**:

**Admin:**

* **Delete wholesaler/retailer:**

Admin can delete, manage Retailer/wholesaler as per review.

**Wholesaler:**

**•Upload available item on portal:**

Wholesaler can upload the item name and its quantity on portal and alter it any time.

* **Check requested orders by retailers:**

Wholesaler can see list of orders requested to him by retailer to supply item.

* **Approve requested Orders:**

Wholesaler will approve the request of retailer whom he wants to supply product**.**

* **Check status of delivery:**

Wholesaler can check if the product has delivered to retailer or not.

* **Review to retailer:**

Wholesaler can give rating to retailers.

**Retailer:**

**•Upload available item on portal:**

Retailer can upload the item name and its quantity on portal and alter it any time.

* **Check product under threshold limit:**

Retailer can check his shops items quantity and filter out products under threshold limit which need to be fulfilled on time.

* **Requested Orders to filtered out wholesaler:**

Retailer will request for product under threshold limit to filtered out wholesaler by the portal as per location and rate of product.

* **Notify product received status of wholesaler:**

Retailer can send received status to wholesaler when the product is arrived.

* **Review to wholesalers:**

Retailer can give rating to wholesaler.

**3.1 Full flow Diagram for Admin, Wholesaler and Retailer:**

Validate

Registration form for Retailer Details

Form to input shop item and qty

Check for stock under threshold limit

List of filtered wholesalers

Previous order details

Order product

Accept admin User name & password

Validate

Yes/No

List of Wholesaler/ Retailer

Login/signup

As Retailer

Login as Admin/Wholesaler/Retailer

Login/signup

As wholesaler

Validate

Registration form for wholesaler

Wholesaler’s Product List

Order List

Order Delivered

Approved Order List

Order status

View retailers

info

Form to input shop item and qty

**3.2 Characeristics**:

User should be familiar with the terms like login, register etc.

**3.3 Principle Actors**:

3 Principle Actors are Administrator, Wholesaler and retailer.

**3.4 General Constraints**:

A full internet connection is required.

**3.5 Assumptions and Dependencies**:

Working of CRS need Internet Connection.

**4.1 Non-Functional Requirements**:

Following Non-Functional Requirements will be there in the insurance to the internet:

(i) Secure access to retailers’ confidential data.

(ii) 24X7 availability.

(iii) Better component design to get better performance at peak time.

(iv) Flexible architecture will be highly desirable for future extension.

**4.2 Non-Functional Requirements define system properties and constraints.**

Various other Non-Functional Requirements are:

 Security

 Reliability

 Maintainability

 Portability

 Extensibility

 Reusability

 Compatibility

 Resource Utilization