**System Requirements Specification**

**for**

**<With our hands>**

**<بأيدينا>**

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**1 INTRODUCTION**

**1.1 DOCUMENT PURPOSE**

This document is meant to delineate the features of OSS, so as to serve as a guide to the developers on one hand and a software validation document for the prospective client on the other. The Online Shopping System(WOH) for With Our Hand web application is intended to provide complete solutions for vendors as well as customers through a single get way using the internet. It will enable vendors to setup online shops, customer to browse through the shop and purchase them online without having to visit the shop physically.

**1.2 PRODUCT SCOPE**

This system allows the customers to maintain their cart for add or remove the product over the internet.

**1.3 DEFINITION,ACRONYMS AND ABBREVIATIONS**

**WOH**: Online Shopping System for With Our Hand.

**SRS**:Software Requirment Specification.

**GUI**:Graphical User Interface

**Stack-holder** :The person who will participate in system Ex. Customer,Administrator,Visitor etc.

**Modem**- modulator demodulator : a device that modulates an analog carrier signal to encode digital information, and also demodulates such a carrier signal to decode the transmitted information

**Ethernet** : a family of frame- based computer networking technology works.

**MLA**:-Modern Language Association

**CSS**:-Cascading Style Sheet

**HTTP**:-Hypertext Transfer Protocol

**1.5 OVERVIEW**

This system provides an easy solution for customers to buy the product without going to the shop and also to shop owner to sale the product.This proposed system can be used by any users and it does not require any educational level,experience or technical expertise in computer field but it will be of good use if user has the good knowledge of how to operate a computer.

**1.6 REFERENCE**

[www.3schools.com](http://www.3schools.com)

<http://istqbexamcertification.com>

**2 OVERALL DESCRIPTION**

The Online Shopping system (WOH) application enables vendors to set up online shops,customers to browse through the shops, and a system administration to approve and reject requests for new shops and maintain lists of shop categories.Also the developer is designing an online shopping site to manage the items in the shop and also help customers to purchase them online without visiting the shop physically.

The online shopping system will use the internet as the sole method for selling goods to its consumers.

**2.1 PRODUCT PERSPECTIVE**

This product aimed toward a person who don’t want to visit the shop as he might don’t get time for that or might not interested in visiting there and dealing with lot of formalities.

**2.2 PRODUCT FUNCTION**

1. CATEGORY MANAGEMENT
2. ITEMS MANAGEMENT
3. USER MANAGEMENT
4. SHIPMENT MANAGEMENT
5. ORDER MANAGEMENT
6. INVOICE MANAGEMENT

**2.3 USER AND CHARACTERISTICS**

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

**2.3.1 Customer**

Through a web browser the customers can search for a accessories etc. online by its name or manufacturer later can add to the shopping cart .The user can login using his account details or new customers can set up an account very quickly .They should give the details of their full name,email account ,username and password.

**2.4 OPERATING ENVIRONMENT**

The system operates with the following software components and applications

A full internet connection is required for WOH and any Operating system and a Browser like Mozilla Firefox,internet explorer and chrome etc.

**2.5 DESIGN AND IMPLEMENTATION CONSTRAINTS**

Memory : device will have 2GB internal hard drive.Software and database cannot exceed this amount .

Internet : A full internet connection required.

Operating System : software does not require any specific Operating system.

**2.6 USER DOCUMENTATION**

For user documentation and information , please consult section 5 External Interface Requirements and attached user manual.

**2.7 ASSUMPTION AND DEPENDENCIES**

It is assumed that the hardware designed will work correctly with the third-party operating system and the developed software

The customer has a computer with o browser and have internet.

**3 .Specific Requirements**

Various interfaces for the product could be

1) Login page

2) Registration Form

3) There will be a screen displaying information about product that the having.

4) If the customers, select the buy button then another screen of shopping cart will be opened.

5) After ordering for the product,the system will have sent one copy of the bill to the customer's Email address.

**3.1 user interface**

The WHO store user interface has been specifically designed with their customers in mind, allows to customer to buy accessories without to going to shop. The home screen offers a menu with a list of functions that the device performs. The user can select one of the options on the menu,and is taken to the respective screen.Every screen displays the menu of the button.The user can click on any one of the options and is taken to the screen of their choice .In addition,clicking on the power button displays the home screen with the menu options.

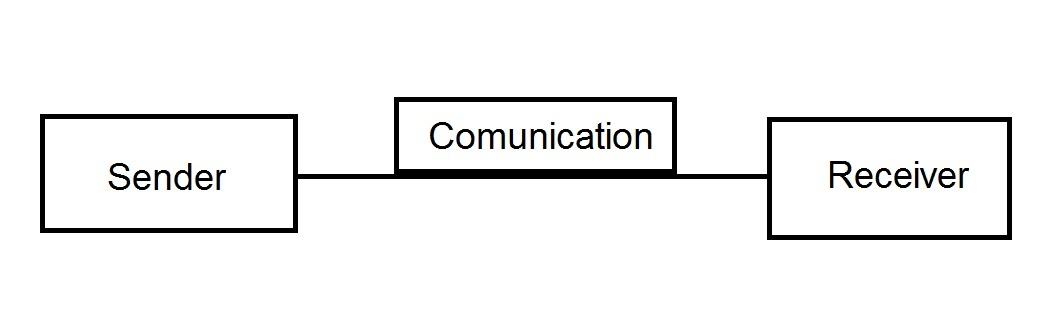
**3.2 hardware Interface**

Hardware requirements for insurance on internet will be same for both parties which are as follows:

**Processor:**Dual Core

**RAM:**2GB

**NIC**:for each party Communication interface The two parties should be connected by LAN or WAN for the communication purpose.



**3.3 software interface**

That is compatible with Windows ,Linux and Mac operating systems. Software is a web based so software needs a web browser and internet connection

**3.4 communications interface**

User can connect with system using browser and internet once user login user can easily buy hand made .

**3.5 Function requirements**

This section provides requirement overview of the system Various functional modules that can be implemented by the system will be .

**3.5.1 Registration** If customer wants to buy the product then he/she must be registered,unregistered user can't go to the shopping card .

**3.5.2 Login** Customer logins in the system by entering valid user id and password for the shopping .

**3.5.3 Changes to Cart** Changes to cart means the customer after login or registration can make order or cancel order of the product from the shopping card .

**3.5.4 Payment** In this system we are dealing the mode of payment by Cash. We will extend this to credit card, debit card etc. In this feature .

**3.5.5 Logout** After ordering or surfing for the product customer has to logout

**3.5.6 Report Generation** After ordering for the product,the system will have sent one copy of the bill to the customer's Email .address and another one for the system database .

**4. NON-FUNCTIONAL REQUIREMENTS**

Following Non-functional requirements will be there in the insurance to the internet :

* secure access to consumer’s confidential data.
* 24x7 availability .
* better component design to get better performance at peak time .
* flexible service based architecture will be highly desirable for future extension . Non-functional requirements define system properties and constraints .

Various other Non-functional requirements are :

* **Security**
* **Reliability**
* **Maintainability**
* **Portability**
* **Extensibility**
* **Reusability**
* **Compatibility**
* **Resource Utilization**

**4.1 PERFORMANCE REQUIREMENTS**

In order to maintain an acceptable speed at maximum number of uploads from allowed from a particular customer as any number of users can access to the system at any time .

Also the connections to the servers will be based on the attributes of the users like his location and server will be working 24x7 times.

**4.2 TECHNICAL ISSUES**

This system will work on client-server architecture . it will require an internet server and which will be able to run HTML application . the system should support some commonly used browser as IE , Mozilla firefox , and Chrome etc.