

**Software Requirement Specification for
Online Craft shopping
(kraft cottage)**

Submitted By:

Nishat Tamanna

Tamanna Molla Tanni

Reg No. 2015433004

Reg No. 2015338006

Dept: CSE 2nd Major (BMB)

Dept: CSE 2nd Major (EEE)

Submitted To:

DR. MD. FORHAD RABBI

Associate professor,

Department of CSE,SUST.

Table of Contents

- 1. Introduction
 - 1.1 Purpose
 - 1.2 Scope
 - 1.3 Document conventions
 - 1.4 Intended Audience
- 2. General Description
- 3. Functional Requirement
 - 3.1 Description
 - 3.2 Technical Issues
- 4. Interface Requirement
 - 4.1 GUI
 - 4.2 Hardware Interface
 - 4.3 Software Interface
- 5. Performance Requirement
- 6. Design Constraints
- 7. Other non Functional requirement
 - 7.1 Security
 - 7.2 Reliability
 - 7.3 Availability
 - 7.4 Maintainability
 - 7.5 Portability
- 8. Operational Scenario
- 9. Preliminary Schedule
- 10.ER diagram

1. Introduction

1.1 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 (OSS) for craft selling 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. The administration module will enable a system administrator to approve and reject requests for new shops and maintain various lists of shop category.

1.2 Scope

This system allows the customers to maintain their cart for adding or removing the product over the internet. It allows the sellers to maintain their product uploading, prize etc.

1.3 Definitions

OSS	Online shopping System (craft shop)
SRS	Software Requirement Specification
GUI	Graphical User Interface
Stockholder	person who will participate in system Ex. Customer, Administrator, Seller etc
DB	Database
ER	Entity Relationship

1.3.1 Overview

This system provides an easy solution to customers to buy the product without going to the shop and also shop owner to sale the product.

1.4 Intended Audience

The system work on internet server .So it can be operated by any end user for the buying or selling purpose.

2. General Description

The Online Shopping system (OSS) application enables vendors to set up online shops, customers to browse through the shops, and a system administrator 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 purchase

them online without having to visit the shop physically. The online shopping system will use the internet as the sole method for selling goods to its consumers.

3. Functional Requirement

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

3.1 Description

3.1.1 Registration

If customer wants to buy or products then he/she must register first. Unregistered user can't go to the shopping cart.

3.1.2 Login

Everyone should login to the system by entering valid user id and password for their main purpose.

3.1.3 Changes to Cart

Changes to cart means the customer after login or registration can make order or cancel choice list of products from the shopping cart.

3.1.4 Multiple product buying system

This allows ordering for several products or different quantity of a product.

3.1.4 Payment

For customer there are many type of secure billing will be prepaid as bkaash, Rocket, & post paid as after shipping.

3.1.5 Logout

Anytime, logout is possible for entering as a new user.

3.1.6 Feedback & rating system

Feedback for the website & both feedback & rating system for individual product is enabled.

3.1.7 Craft blog

There is an additional opportunity to read about a variety of interesting crafts.

3.2 Technical Issues

This system will work on client-server architecture. It will require an internet server and which will be able to run PHP application. The system should support some commonly used browser such as Mozilla Firefox, Google Chrome etc.

4. Interface Requirement

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 shop having.
4. If the customers select “add to cart” icon then another screen of shopping cart will be opened.

4.1 GUI

1. Home page

Register an account Login		
Kraft Cottage	<div>Cart logo</div>	
HOME RAW MATERIALS CATEGORY BRAND		
WHAT'S NEW!		
Product1	Product2	Product3
PAPER CRAFT		
Product4	Product 5	Product 6
WOODEN CRAFT		
Product 7	Product 8	Product 9
Brand name	Brand Name	Brand name
<u>ABOUT US</u>		
Feedback		
Contact us		

2. Registration form for buyer

Sign Up	
User name:	<input type="text"/>
Email:	<input type="text"/>
Password:	<input type="password"/>
Mobile:	<input type="text" value="+88"/>
Sign up	

3. Registration form for seller

4. Login page

HOME RAW MATERIALS CATEGORY BRAND
<p>NEW USERS CLICK HERE TO REGISTER FIRST. EXISTING USER LOGIN BELOW...</p>
Username:
<input type="text"/>
Password:
<input type="password"/>
LOGIN

4. Shopping Cart

5. Product details page

6. Product details page

Product Name	
<input type="text"/>	
Brand Name	
<input type="text"/>	
Category	
<input type="text"/>	
Raw materials	
<input type="text"/>	
Enter File	<input type="button" value="Browse"/>
Price	
<input type="text"/>	
By Uploading, you agree to provide 10% commission.	
<input type="button" value="Upload"/>	

4.2 Hardware Interface

The System 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.

4.3 Software Interface

The system is on server so it requires HTML, CSS (for attractiveness of GUI) the any scripting language like PHP, JAVAscript etc. The system require DB also for the store the any transaction of the system like phpMyAdmin etc. At the last user need web browser for interact with the system.

5. Performance Requirement

There is no performance requirement in this system because the server request and response is depended on the end user internet connection.

6. Design Constrains

The system shall be built using a standard web page development tool that conforms to Microsoft's GUI standards like HTML, CSS etc.

7. Other non-Functional requirement

7.1 Security

Users must log in to perform any activity with authenticated password.

Sellers must provide additional informations to sell their product.

The system will not leave any cookies on the customer's computer containing the user's password.

The system's back-end servers shall only be accessible to authenticated administrators.

7.2 Reliability

The main pillar of reliability of the system is the backup of the database which is continuously maintained and updated to reflect the most recent changes.

Feedback & rating system is available to check the actual environment.

7.3 Availability

The system should be available at all times, meaning the user can access it using a web browser, only restricted by the down time of the server on which the system runs.

7.4 Maintainability

A commercial database is used for maintaining the database and the application server takes care of the site. In case of a failure, a re-initialization of the program will be done. Also the website design is done with modularity in mind so that maintainability can be done efficiently.

7.5 Portability

The application is HTML and scripting language based. So The end-user part is fully portable and any system using any web browser should be able to use the features of the system, including any hardware platform that is available or will be available in the future.

An end-user is use this system on any OS; either it is Windows or Linux.

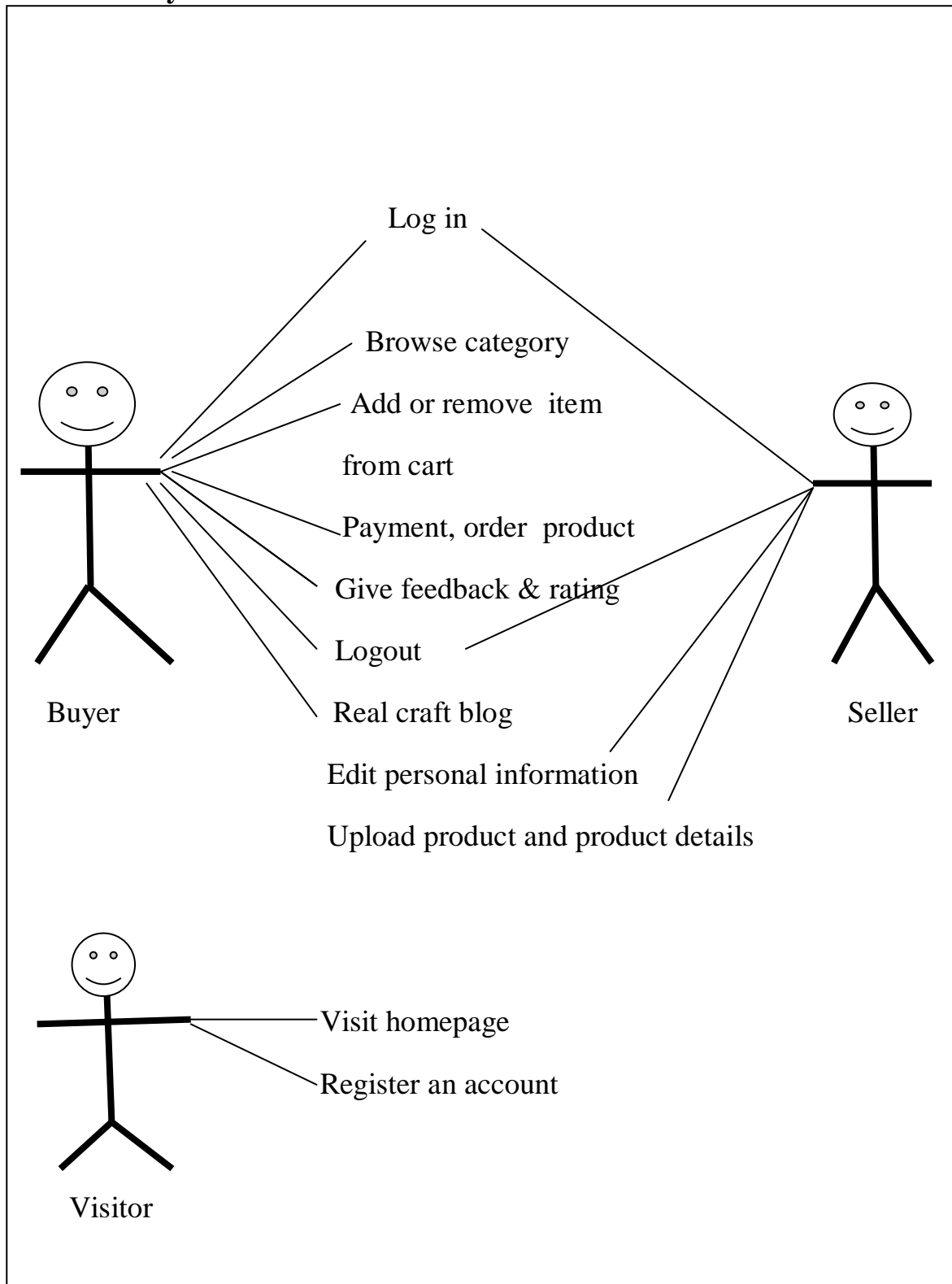
The system shall run on PC, Laptops, and PDA etc.

8. Operational Scenario

The customer wants to buy item. The system shows all product categories to customer. If customers want to select item, at first they have to register & login with the registered account. Then they will list in shopping cart for buying & checkout providing the shipping address. They can check feedbacks & rating given by other customers to reassure the service. The payment can be made with bKash or Rocket account. If customers want to cancel the order before shipping then he or she can cancel it.

If a seller wants to sell his/her product, he will have to login first & he/she will be enlisted with an unique id. Then after login with his/her account he/she will be able to upload or his/her products & related data.

9. Preliminary Schedule



10. ER diagram

The major features of its database system as shown in below entity–relationship model (ER model)-

