



19f 0151 19f0179 19f 0245 5A assignment 2

Software Design and Architecture (National University of Computer and Emerging
Sciences)

Software Requirement Specification

Submitted By

Talal Ahmed 19F-0245

Ahmed Raza 19F-0151

M. Tayyab 19F-0179

Section

CS-5A

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Department of Computer Science

FAST – National University of Computer & Emerging Sciences

Chiniot-Faisalabad Campus

Table of Contents

1. Introduction.....	3
2 Project Title.....	4
3 Project Overview Statement.....	4
4 Project Goals and Objectives.....	4
5 Functional Requirements.....	4
5.1 Administrator:.....	4
5.2 Customers:.....	5
5.3 Shop Owner.....	6
6 Tools and technologies used.....	6

1. Introduction

This software aims to define the specifications of a web based software program, which is an online shopping solution. This document is meant to describe the features of this project.

1.1 PURPOSE

This web -based software will be designed and intended to provide complete solutions customers through a single get way using internet. It will enable customers to browse through different categories and shop what they desire and require without having to shop physically. It will allow different vendors to setup their shops. The administration module will enable the administrator to approve, reject and manage requests for new shops and maintain the list of shops with their respective categories.

This proposed system can be used by any user and it does not require any educational level, experience or technical knowledge or expertise in the field of Computers. However, the user must know how to use a computer and access the store.

1.2 SCOPE

This system provides an easy to solution customers to maintain their cart for add or remove the product over the internet without going to the shop and also allow shop owner to sell their product.

This document is meant to discuss the features of the Online Shopping Store, to serve as a guide to the developers and a software validation document for the prospective client on the other hand

2 Project Title

Easy Buy – Online Shopping Store

3 Project Overview Statement

The central concept of the application is to allow the customer to shop virtually using the Internet and allow customers to buy the items and articles of their desire from the store. The information pertaining to the products are stores on an RDBMS at the server side (store).

The Server process the customers and the items are shipped to the address submitted by them. The application was designed into two modules first is for the customers who wish to buy the articles. Second is for the storekeepers who maintains and updates the information pertaining to the articles and those of the customers. The end user of this product is a departmental store where the application is hosted on the web and the administrator maintains the database. The application which is deployed at the customer database, the details of the items are brought forward from the database for the customer view based on the selection through the menu and the database of all the products are updated at the end of each transaction. Data entry into the application can be done through various screens designed for various levels of users. Once the authorized personnel feed the relevant data into the system, several reports could be generated as per the security.

4 Project Goals and Objectives

The main objective of the Online Shopping System is to manage the details of Shopping, Internet, Payment, Bills, Customer. It manages all the inttion about Shopping, Products, Customer, Shopping. The project is totally built at administrative end and thus only the administrator is guarantee access. The purpose of the project is to build an application program to reduce the manual work for

managing the Shopping, Internet, Products, Payment. It tracks all the details about the Payment, Bills, Customer.

5 Functional Requirements

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

5.1 Administrator:

- **Database Management:** Control the database and keep track of all records of customers and employee details.
- **Contact and Giving Permission to Vendors:** Contact with the vendors and give permission to sell their product under the site after testing the product's quality.
- **View all details:** View the details of all employees and control the whole site.
- **Advertising the Site:** Responsible for making advertisements for the site.

5.2 Customers:

- **Login:** Customers must have a valid login id to access the site.
- **Registration:** New users can sign up by creating new ID.
- **View and edit Details:** Can view/edit his personal details, payment details, and details about services provided.
- **Choosing and comparing products:** Can view all available products and can compare them and make a choice for purchasing products.
- **Purchasing:** Can purchase any product through valid credit card.
- **Giving Feedback:** Can give feedback to the 24X7 Customer Care Service center about their impression for the site and services.
- **Logout:** Customer must logout of the site after purchasing products.

5.3 Shop Owner

- **Taking Permission from Administrator:** Vendors must take permission from the Administrator for selling their products under the site. Administrator will test product's quality according to its market price to permit vendor for selling purpose.
- **Consulting with Administrator:** Can consult with the Administrator regarding product's quality and advertisements.
- **Advertising Vendor's Own Products:** Responsible for making advertisements of his products, but the site will not be responsible for any kind of advertisements about products.

6 Tools and technologies used

Different software will be used for the making of this system:

- HTML
- CSS
- Java Script
- PHP
- MYSQL
- Bootstrap
- Visual studio code
- Adobe Photoshop