Software Requirements specification [SRS]

For

E-Commerce website for selling customized crafts and gifts

MEMORA CRAFTS -

Customed crafted gifts with memories attached

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1.Objective

To develop a user -friendly e-Commerce website that enables customers to browse, search and purchase a wide range of products with ease, while providing a efficient backend for managing inventory and orders.

2.Introduction

In today's digital world, e-commerce platforms have become essential for both businesses and consumers. This report presents a study report of an e-commerce platform designed for selling customized crafts and gifts. The system aims to provide a seamless shopping experience for customers looking for personalized products, while ensuring efficient order management for sellers. The system ensures efficient order handling, secure payments, and real-time inventory updates. This project aims to bridge the gap between customers and vendors by offering a fast, secure, and responsive web-based shopping environment.

2.1 Purpose

The system aims to provide a seamless shopping experience for customers looking for personalized products, while ensuring efficient order management for sellers. The system ensures efficient order handling, secure payments, and real-time inventory updates. This project aims to bridge the gap between customers and vendors by offering a fast, secure, and responsive web-based shopping environment. The proposed e-commerce website will offer a user friendly interface for browsing and ordering customized products, secure payment gateway for transactions, order tracking system for real-time updates and vendor dashboard for managing inventory and orders

2.3 Product scope

The system aims to provide a seamless shopping experience for customers looking for personalized products, while ensuring efficient order management for sellers. The details of the products can be updated or modified or deleted to keep the information up to date.

3. System Features

Modules:

Main modules are

- ❖ Admin module:
  - ➢ Login
  - ➢ Homepage/Dashboard
  - ➢ Master Entries
    - Location
      - ♦ District/Place
    - Product Masters
      - ♦ Category, Subcategory, Brand etc.

> ➤ Registration rules
>> • Vendors/User
> ➤ Manage vendors
>> • Accept/Reject (send mail)
>> • Accepted list
>> • Rejected list
> ➤ User List
> ➤ Manage complaints and Feedback.

❖ Vendor/seller module:

> ➤ Login
> ➤ Homepage/Dashboard
> ➤ Settings
>> • Profile/Edit profile/change password
> ➤ Product Upload (product list)
>> • Rate, Stock, Offer, Gallery etc
> ➤ View order from users
> ➤ Update delivery status
> ➤ View ratings, comments etc.
> ➤ Manage complaints and feedbacks.

❖ User module:
> ➤ Login
> ➤ Homepage/Dashboard
> ➤ Settings
>> • Profile/Edit profile/Change Password
> ➤ Search Products
> ➤ Add to Cart
> ➤ Payment
> ➤ View order status
> ➤ After receiving products
>> • Ratings
>> • comments
> ➤ Post Complaints and Feedback.

4. Other Nonfunctional Requirements

The software must have a simple and User -friendly Interface. The navigation to various pages should make it more convenient to the users so as to save time and confusion.

4.1 Performance

- ➢ The users must get the response within seconds. i.e. the response time of a particular function should be minimum.

- ➢ Completely separate login at server side from the student interface ensures good performance.

- ➢ The system would exhibit high performance because it would be well optimized. The business logic would be clearly separate from the User Interface.

4.2 Security

The user's web browsers shall never display the password.

5. Technology Used:

- ❖ Frontend: HTML, CSS, JavaScript, Bootstrap
- ❖ Backend: PHP
- ❖ Database: MySQL
- ❖ IDE: Adobe Dreamweaver, VS code
- ❖ Tools & Libraries: AJAX, jQuery, Font Awesome
- ❖ Security: Basic input validation and secure session handling

6.Conclusion

The customised crafts and gifts e-commerce website (MEMORACRAFTS) will enhance customer experience, streamline vendor operations, and expand market reach. Implementing this system will ensure efficiency, security, and scalability in the online shopping process.

6.1 Sign Off

Si. No	Name, Designation	Date	Accepted(yes/no)
1	Krishnendhu M.H	12/05/2025	