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## ARTISAN MARKETPLACE FOR CUSTOMIZED PRODUCTS

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### ABSTRACT

This project "ARTISAN MARKET PLACE FOR CUSTOMISED PRODUCTS" is used to automate the wholesome process of entire art products such as handicrafts, memorial images, art work etc., The Artisan Marketplace for Customized Products is a vibrant and unique platform that celebrates the artistry and craftsmanship of talented individuals. This marketplace serves as a haven for artists and creators to showcase their handmade products, each infused with a distinct touch of creativity and individuality. From intricately designed jewellery to personalized home decor items, customers can explore a diverse array of one-of-a-kind pieces that reflect the passion and skill of the artisans behind them. The project is designed using Dotnet as front end and Sqlserver 2008 as backend which works in .Net framework version4.0. The coding language used is Dotnet.

This system is a comprehensive system which performs product details, sales, billing and stock details etc. The proposed project maintains all relevant details about the art details such as availability of art items, billing and reporting. The product management contains adding new product, updating the prices, and managing customer orders. Each art product possesses their precise details. An art museum or art gallery is a building or space for the display of art, usually from the museum's own collection. Although primarily concerned with visual art, art galleries are often used as a venue for other cultural exchanges and artistic activities, such as performance arts, music concerts, or poetry readings.

The admin can enter new products through the software. On the user side, the experience is equally user-friendly. Customers can easily navigate through the platform, exploring various categories of handmade products and place order through this application. The platform's thoughtful design and user-friendly interface make it a go-to destination for those seeking one-of-a-kind, handmade treasures, fostering a vibrant community that appreciates and supports the artistic journey.

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### 1. INTRODUCTION

The e-commerce industry in India has not yet fully embraced the handicrafts sector, which is the second largest employer in the country. This presents an opportunity to create a digital platform for handicraft sellers and artisans to promote and sell their products. With the recent focus on "Make in India" products, this platform could be particularly beneficial for local artisans. Additionally, by allowing individual artisans to apply directly to sell their products on the platform, they can directly receive financial benefits. This project aims to provide a way for sellers to register and sell their products online to a wide audience. Indian artisans are instrumental in promoting regional art and craftsmanship in domestic markets. Their handmade products, such as pottery, baskets, jewellery, wooden handicrafts, and textiles, showcase the skills and traditions of the country. These handicrafts are an important part of India's non agricultural rural economy and employ a significant portion of the country's manufacturing workforce, estimated at 15-20%. These artisans are responsible for maintaining and sharing the cultural heritage of India through their craftsmanship and dedication to preserving traditional techniques. The online store for handicrafts is a digital platform that has been specifically designed to support and empower local artisans. By providing them with a way to showcase their skills and sell their crafts online, the platform aims to help these artisans reach a wider audience and increase their profits. To use the platform, artisans can simply register and create a profile where they can share details about their crafts, including pictures and descriptions. This allows customers to browse and discover a wide range of handmade products. In addition to supporting individual artisans, the online store also provides a space for small-scale manufacturers to sell their handmade products.

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## **2. SYSTEM STUDY**

It involves studying a procedure or business in order to identify its goals and purposes and create systems and procedures that will achieve them in an efficient way. Use cases are a widely used systems analysis modelling tool for identifying and expressing the functional requirements of a system.

### **2.1 EXISTING SYSTEM**

The existing system is purely manual system. In the existing system, artists often face hurdles in presenting their creations to a wider audience. Navigating through a myriad of steps to upload their products can be cumbersome, hindering the seamless integration of their art into the marketplace. This bottleneck not only affects the efficiency of the artists but also limits the variety and richness of offerings available to customers. However, like any bustling marketplace, challenges persist. One prominent issue center around the ease with which artists can showcase their products.

#### **2.1.1 DRAWBACKS OF EXISTING SYSTEM**

- Time consuming
- Need more man power
- Limited Visibility for Artists
- Limited Customization Features

### **2.2 PROPOSED SYSTEM**

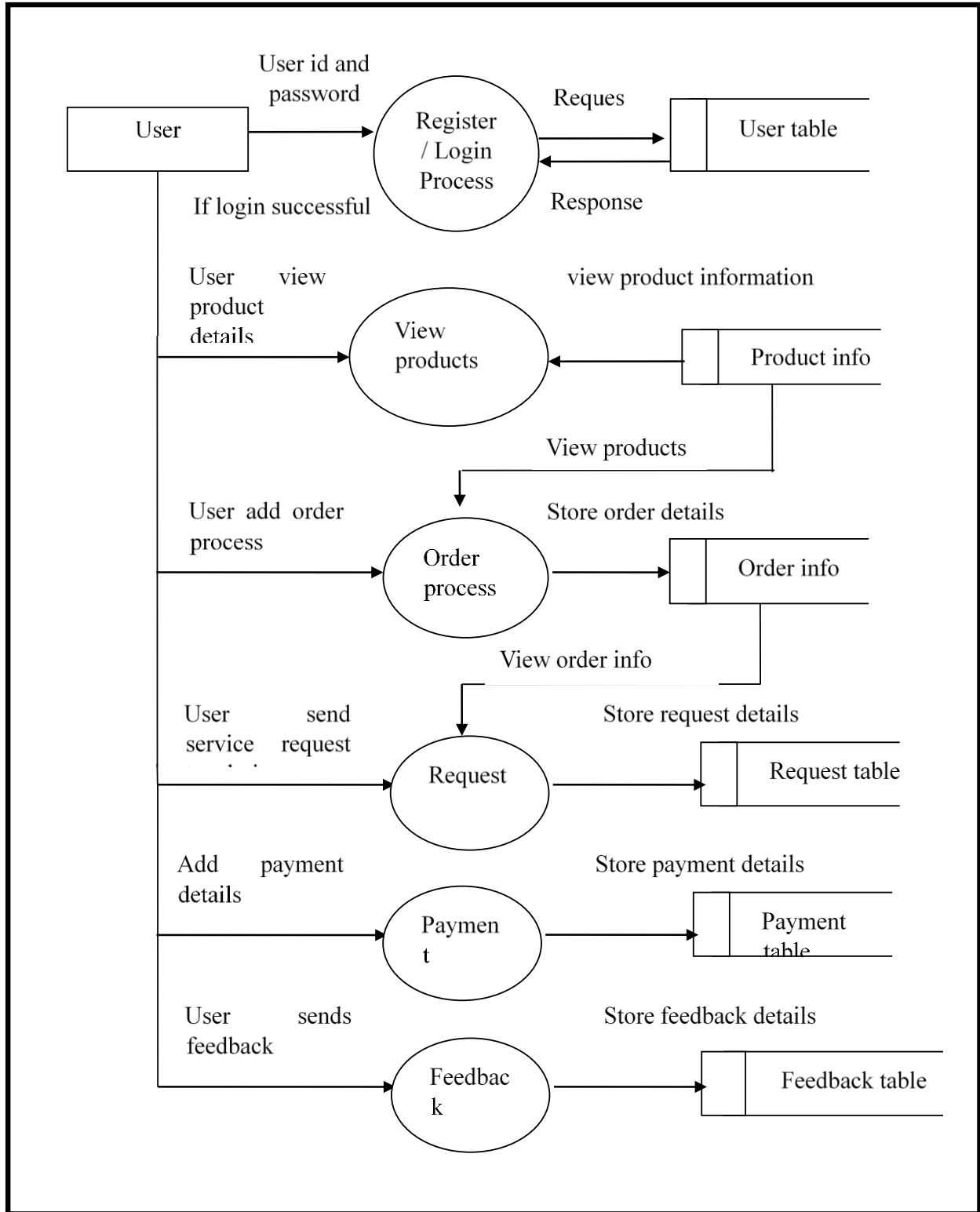
The system is developed using PHP as front-end and MySql as back end . In this “**ARTISAN MARKET PLACE FOR CUSTOMISED PRODUCTS**” memory utilization and I/O optimization can be achieved. The designing of screens are very much user friendly. The proposed system has been designed to eliminate the major disadvantages of the existing system. The proposed system revolves around a user-friendly interface that allows artists to effortlessly upload their products, accompanied by detailed descriptions, images, and, if applicable, customization options. This streamlined process ensures that the artist's vision is accurately conveyed to potential customers, offering a virtual gallery for their masterpieces.

The main advantage of the proposed art gallery maintenance aims at one database, one application, and one user interface for the entire enterprise.

#### **2.2.1 ADVANTAGES OF PROPOSED SYSTEM**

- Easy control of payment processing.
- Reduce paper documents.
- Improves timeline information.
- User-Friendly Interface for Customers.
- Better monitoring and quicker resolution.

3. DATA FLOW DIAGRAM



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#### 4. CONCLUSION

Implementation is the stage of the project when the theoretical design is turned out into a working system. Thus it can be considered to be the most critical stage in achieving a successful new system and in giving the user, confidence that the new system will work and be effective. The Artisan Marketplace for Customized Products is a vibrant and unique platform that celebrates the artistry and craftsmanship of talented individuals. This marketplace serves as a haven for artists and creators to showcase their handmade products, each infused with a distinct touch of creativity and individuality. From intricately designed jewellery to personalized home decor items, customers can explore a diverse array of one-of-a-kind pieces that reflect the passion and skill of the artisans behind them.

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#### 5. SCOPE OF FUTURE DEVELOPMENT

Product scope can be defined as the features or characteristics of a product itself. Whether considering design, function or component parts, the key point is that product scope refers to the actual tangible product. The totality of outputs, outcomes and benefits and the work required to produce them. Objectives: Predetermined results towards which effort is directed. Objectives may be defined in terms of outputs, outcomes and/or benefits.

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