

# Project Proposal: Handmade Items Selling Store

## 1. Title

"Handmade Haven: An E-Commerce Platform for Selling Handmade Products"

## 2. Project Requestor

The project requestor is **artisans, small business owners, and handmade craft sellers** who need a digital marketplace to showcase and sell their unique products. The goal is to provide a user-friendly platform where customers can discover, purchase, and support independent handmade sellers.

## 3. Statement of the Problem or Need

Many artisans and craft makers struggle with selling their products online due to **high marketplace fees** (e.g., Etsy, Amazon Handmade) and **limited exposure**. Some challenges include:

- Lack of a **dedicated platform** for handmade items.
- **High commission fees** on existing marketplaces.
- **Limited control** over product listings and store customization.

This project will solve these issues by: Providing an **affordable and accessible** platform for handmade sellers, offering **customizable store pages** for artisans and ensuring **secure transactions** and **easy order management**.

## 4. Project Deliverables and Beneficiaries

### Deliverables:

- A **full-fledged eCommerce platform** with an intuitive UI (React + Spring Boot).
- **Multi-role system**: Admin, Seller, and Customer.
- **Product catalog & categories** for easy browsing.
- **Shopping cart & secure checkout** (Stripe/PayPal integration).
- **Order tracking & seller dashboard** for inventory management.
- **User reviews & ratings** for product credibility.

### Beneficiaries:

- **Handmade sellers** looking for a low-cost online store.
- **Customers** interested in unique, handcrafted items.
- **Local artisans & businesses** aiming for a wider customer reach.

## 5. Related Projects

- **Etsy** – A popular marketplace but charges high listing & transaction fees.
- **Amazon Handmade** – Harder for small sellers to compete due to commission rates.
- **Shopify** – Provides eCommerce solutions but requires individual store setup.

My project will combine **affordability, ease of use, and dedicated support** for handmade sellers.

## 6. Project Assumptions and Constraints

### Assumptions:

- Sellers need an **easy-to-use** product upload system.
- Customers will prefer **secure and seamless** payment options.
- Handmade items often have **limited stock**, requiring real-time updates.

### Constraints:

- **Image storage:** Needs integration with **Cloudinary/AWS S3**.
- **Payment processing:** Must follow **Stripe/PayPal transaction policies**.
- **Scalability:** The platform should handle **high traffic and multiple listings**.

## 7. Project Team

Name : M.N.Imalsha Fernando.

Registration Number : 2020/ICT/106

Index Number : IT 16097

Signature :

### Declaration:

I recognize the need to clarify the project's purpose and gain instructor approval before proceeding. I am committed to justifying and validating the project's necessity and seek approval to proceed with development.



M.N.Imalsha Fernando

(2020/ICT/106)

26.03.2025.