

Database Management Systems

Deadline I: Project Scope

Introduction

Qalakriti: Bringing handcrafted excellence to your doorstep

Meaning of Qalakriti: Qala means art, and Kriti means work.

Overview: Qalakriti will be an e-commerce initiative spotlighting handcrafted treasures from various regions of India. We aspire to create a digital haven that preserves traditional craftsmanship while providing a platform for these talented individuals to share their unique stories and creations with the world. Qalakriti celebrates the cultural richness of India, offering a curated collection of handicrafts like textiles, pottery, and more.

Objectives:

- Building an efficient and reliable e-commerce website
- Empowering craftsmen, especially those from underprivileged backgrounds
- Providing a wholistic customer experience
- Creating a user-friendly interface
- Creating a functioning and efficient database

Features and Functionality:

The primary features will be focused on the following target groups :

1. Administrator
 - **System Configuration and Maintenance:** The administrator will oversee the overall system setup and ensure seamless functioning
 - **Access Controls and User Management:** Admin will handle adding new registrations and manage what each user can access.
 - **Categorizing products:** Admin will be responsible for organising products into different categories for enhanced navigation for customers.
 - **Discounts and offers:** Admin can add/remove special limited period offers or discounts (with the help of coupons or price reductions during a sale) on the purchase of specific items.
 - **Safe Payments and Order Processing:** Ensuring secure payment transactions and managing order processing, including shipping and tracking.
2. Craftsmen and businesses
 - **Registration and deletion of account:** Sellers like craftsmen and businesses can register or remove their brand from the website. They can then use this information to access their account by signing in.
 - **Product Management:** Sellers can add, update, or delete their listed products as and when convenient.
 - **Revenue Collection:** Craftsmen receive payment when customers purchase their products, with transactions facilitated by the administrator.
 - **Shipping:** Craftsmen need to pack and ship products with the help of Admin.

3. Customers

- **Registration and deletion of account:** Buyers need to register themselves with valid information to browse products and buy them. This account can be accessed by signing in. They may also choose to delete their accounts.
- **Product Browsing:** Users can browse through the diverse range of products available on the platform and search for them using categories and a search bar.
- **Payments and Purchasing:** Users can use their bank accounts to make payments for their purchases.
- **Item Reviews:** Users have the ability to review purchased items.
- **Tracking order history:** After placing an order, users may choose to track the delivery process or have a look at their previous order history.

Planned Technologies:

- Frontend & Backend: HTML, CSS, Javascript, React, Python
- Database Management: MySQL

Sources:

- ChatGpt:
 - Prompt used for generating introduction:
please write a small introduction explaining the concept for an e-commerce website focused on selling handicrafts made by people from different parts of India called Qalakriti in about 50-100 words.
- Grammarly

Contributions:

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