

MINI-PROJECT ABSTRACT

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Abstract

Topic: Art Vendor

This abstract presents a detailed overview of an art gallery system catering to for distinct user roles: users, artist, administrators and shipping company. Each user role is equipped with specific functionalities and features to enhance their experience within the system.

Mini-Project

Roles

For Users: The art gallery system provides a user-friendly interface that requires users to create an account and log in. Once logged in, users gain access to various features such as viewing detailed information about each piece, and securely making purchases through the integrated ecommerce platform. Additionally, users can utilize the advanced search functionality to find artworks based on specific painters, enabling efficient exploration and discovery within the gallery's collection. They can also send inquiries directly to administrators via email to request additional information or clarification. To facilitate future purchases, users have the option to create wish list, allowing them to save and revisit their favourite artworks.

For Artist: Artists within the art gallery system hold key responsibilities. They can create accounts, log in, and upload their artworks along with authentication certificates to ensure authenticity. Artists have the freedom to update or delete their artworks when necessary, ensuring the accuracy and relevance of their portfolio. Additionally, artists can access a revenue dashboard to view the earnings generated by selling their artworks on the platform, providing valuable insights into their sales performance.

For Administrators: Administrators within the art gallery system hold essential responsibilities. They have the authority to review and approve images uploaded by artists, ensuring the authenticity and quality of the showcased artworks. If necessary, administrators can delete images that do not meet the gallery's standards or request modifications from the artists. They can also edit artwork details such as title, description, and price to ensure accurate and up-to-date information is displayed to users. Administrators play a pivotal role in assigning artworks to the ecommerce shipping company for delivery once they are ready to be shipped to customers.

Modules

Registration: Users can create accounts using name, number, email and password.

Login: Users and admin can login using their credentials

Art Approval: After logging in, administrators are directed to a home page specifically designed for them. This page provides options for approving arts uploaded by the artist, managing art details, including updating existing ones, and deleting artworks if necessary.

Search: Upon logging in, users are directed to a home page that displays artworks uploaded by the artist approved by the admin. From here, they can search for specific artworks by name, view artwork details, and add them to their wish list.

Artwork Management: Enabling them to create accounts, upload their artworks accompanied by authentication certificates. The uploaded artworks and certificates undergo a review process by the admin for verification. Upon approval, the artworks become visible to users and able to make changes and delete their art works.

Enquiry: When users select a specific artwork, they are redirected to an art detail page that provides comprehensive information about the artwork. Users can send inquiries via email, add the artwork to their wish list, and even make bookings for potential purchases.

Wishlist: The wish list page allows users to view the artworks they have added to their wish list. From here, they can proceed to purchase the artworks they desire.

Artist Details: It is possible for the user to see artist details by selecting arts.

Future Updates (Main-Project)

Ecommerce shipping company: The ecommerce shipping company in the art gallery system is responsible for the physical delivery of purchased artworks. Once administrators assign artworks to the shipping company, they handle the logistics and ensure safe and timely delivery to customers. This role ensures that the purchased items reach their destinations securely, completing the art buying process.

Face Lock: Face recognition technology as a login method in the art gallery system, allowing users to securely authenticate their identity using their facial features.

Chatbot: Chatbots provide quick and personalized solutions to visitor questions.

Advanced search option: User can search arts based on their interest, by artist name or by art name.

Payment: Users have a secure and convenient payment options to pay for the artworks they desire.

Blockchain: Artist can authenticate their art using blockchain.