

# MODERN ART GALLERY

**SUBMITTED BY ,**  
**NAME: ANAGHA.P**  
**DEP: RMCA-A**  
**ROLL NO: 16**

**SUBMITTED TO,**  
**Dr . PAULIN PAUL**  
**ASSISTANT PROFESSOR**  
**MCA**

# ABSTRACT

The art gallery is an e-Platform meant to be a collaborative platform to facilitate artists from diverse domain. Irrespective of the geographical location, exchange ideas, views and to promote their art pieces over the internet for their financial purposes and promoting cross cultural art in a more effective way. The proposed system has three modules, admin, artist and customer. The admin can manage artist and customer, initiate auction schedule and also can manage events. An artist is a registered user with provision to promote his/her art work in a secure way to avoid copyright issues. This enables to buy art work with payment, can blog to participate and dominate discussions Pertaining to interested art fields can propose and initiate art exhibitions facilitating for interested parties to make secure transaction of art work with payment. The art uploads can be liked and shared within and outside. The customer can view the uploaded art work, make online secure purchase, enroll in exhibition and also can like and share. The preposed methodology to implement security and copyright off an art work. In addition to promoting cross-cultural collaboration, the system emphasizes the importance of copyright protection, ensuring a secure environment for artists to share and sell their creations. The proposed system also includes implementing digital watermarking using LSB (Least Significant Bit) to further enhance copyright protection and ensure the integrity of the shared artworks.

# MODULES

This system has three modules:

- Admin
- Artist
- Customer

## **Admin Functionalities:**

Admin is an authorized user and has complete authority over the whole system. The administrator can do:

### **User Management:**

- Create and delete artist and customer profiles.
- Manage user access

### **Artwork Management:**

- Review artwork submissions from artists.
- Remove artwork listings.
- Schedule and manage auctions for selected art pieces.

### **Event Management:**

- Create and manage art-related events.
- Update event details, such as date, time, and location.
- Promote events to attract both artists and customers.

### **Artist Management:**

- Provide support and assistance to artists.
- Manage artist profiles and blogs.

### **Auction Management:**

- Initiate and manage art auctions.
- Set auction details such as start time, end time, and bidding rules.

### **Artist Functionalities:**

An artist is a registered user with provision to promote his/her art work in a secure way. He/she can do:

#### **Profile Management:**

- Create and update artist profiles with personal information
- Upload and manage artwork listings, including images, descriptions, and pricing.
- Can participate in events.

#### **Artwork Promotion:**

- Share artwork listings on social media platforms.
- Blog about their artistic process and experiences.

#### **Exhibition Management:**

- Propose and initiate art exhibitions.
- Coordinate with the admin to schedule exhibitions.
- Facilitate secure purchases of artwork during exhibitions.

#### **Interaction with Customers:**

- Track user interactions, and enhance the overall customer experience this platform by likes and shares
- Handle the selling process, including secure online payments.

#### **Auction Management:**

- Initiate and manage personal art auctions.
- Set auction details for their artworks.

### **Customer Functionalities:**

The customer can view the uploaded art work, make online secure purchase, enroll in exhibition and also can like and share.

#### **Browse Artwork:**

- View artwork listings uploaded by artists.
- Explore artwork details, including images and descriptions.

#### **Interaction with Artwork:**

- Like and share artwork on social media.

**Purchase Artwork:**

- Make secure online purchase of artwork.
- Provide payment information and complete transactions.

**Participate in Exhibitions:**

- Enroll in art exhibitions organized by artists.
- Can view events organized by admin.
- Make secure purchases of artwork during exhibitions.

**Participate in Auction:**

- Enroll in art Auctions organized by artists.