

## **ABSTRACT**

### **Title: Artomart – Online Artwork Sale and Auction System**

**Artomart** is a role-based designed exclusively for artists to showcase, sell, and auction their creative works. The system provides a digital space for artists to upload various forms of artwork. It Promote artistic talent by providing a streamlined platform for both direct sales and time-bound auctions of creative works. The platform aims to bridge the gap between creators and buyers, offering both fixed-price sales and special auctions for premium art.

The system has two main modules: **Admin** and **User**.

#### **User :**

- Create and manage personal profiles
- Upload their artwork along with titles, descriptions, and categories
- Choose between two sale modes: fixed-price selling or auction
- View their sales, bids, and interactions from potential buyers
- Participate in auctions as sellers or bidders and feedback

#### **Admin:**

- Manage user accounts and artwork submissions
- Approve, reject, or moderate uploaded content
- Enabling auction mode for select artworks and configuring a **fixed time period** for each auction
- Monitor ongoing sales and auctions
- Handle reports, user feedback, and platform policies

#### **Key Modules**

1. **User management:** Handles user registration, profile and login.
2. **Artwork management:** Upload, edit, choose sale type, view.
3. **Listing and Gallery module:** Display all artwork, filter by category, search, view details.
4. **Selling and Auction:** Purchase and bidding.
5. **Admin dashboard:** View all users, approve or reject auction and monitor bids.
6. **Notification module:** notify all users to participate in the auction.

#### **Technology Stack**

- **Frontend:** HTML, CSS, JavaScript
- **Backend:** Python, Django
- **Database:** MYSQL

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