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(AUTONOMOUS)

ARTISTRY HUB

23MCA245 - Mini Project

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ABSTRACT

ARTISTRY HUB

Mini Project

Artistry Hub is a comprehensive web-based platform designed to support and enhance the artistic endeavors of users from various backgrounds, including viewers, students, professional artists, bands, and institutions. The mini project focuses on building the foundational modules and features that will provide a seamless and engaging experience for users.

Viewers/Students can log in to the platform, view and save artworks, learn through the integrated learning platform, and stay updated on competitions, auctions, and exhibitions. They can also access instrument services and showcase their achievements.

Artists have access to all viewer features, along with the ability to teach students, post job and event details, and collaborate with other artists to form bands. The platform supports interactive posts with media uploads, comments, and likes, fostering a vibrant community of creative individuals.

Bands or Groups can be created by artists for collaborative projects. Members can communicate through a filtered chat system and manage band-related activities.

Instrument Service Providers can respond to service requests from users, providing essential maintenance and repair services. Users can select providers based on reviews and proximity.

Institutions can post job offers, event details, and opportunities for artists and students. These postings can be filtered and prioritized based on specific criteria to reach the most relevant audience.

Learning Platform offers recorded classes, note-taking, and practice sessions, allowing users to learn at their own pace and improve their skills.

The **Job Section** includes job auctions, competitions, exhibitions, and other events, tailored to user profiles and preferences.

Service Request feature allows users to create detailed service requests for instrument maintenance, ensuring their tools are in optimal condition for creating art.

Main Project

The main project will build upon this foundation, introducing advanced features and expanding the platform's capabilities. This includes the implementation of a sophisticated ML-based copyright infringement detection system, enhanced profile verification using machine learning, and more personalized recommendations for users. The main project will also feature live interactive classes on the learning platform, support for multiple media formats in posts, and a more robust notification system. Additionally, advanced job and event filtering and prioritization will be incorporated, ensuring that opportunities reach the most relevant users. The service request system will be further refined with AI-driven diagnostics for instrument issues. These enhancements will create a richer, more dynamic experience for all users of Artistry Hub**.**