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(A U T O N O M O U S)

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 diverse backgrounds, including viewers, students, and professional artists. This mini project focuses on developing foundational modules and features that provide a seamless and engaging experience for all users.

Viewers and students can log in to explore a wide array of artworks, engage in educational activities through the integrated learning platform, and interact with artist posts. They have the ability to like posts, fostering social interaction within the community, and can utilize a messaging platform to communicate with other users. The messaging platform is designed to facilitate connections based on follower relationships. Users can message each other if they follow one another; otherwise, the recipient can choose to accept or decline the message request.

Artists have access to all viewer features, along with the capability to create and share media-rich content. They can manage classes on the platform, effectively reaching and engaging with their students.

Instrument Service Providers play a crucial role by responding to service requests from users, offering essential maintenance and repair services. Users can select service providers based on reviews and proximity, ensuring quality care for their instruments.

The Learning Platform offers recorded classes, note-taking, and practice sessions, empowering users to learn at their own pace and enhance their skills. The Service Request feature allows users to create detailed requests for instrument maintenance, ensuring their tools remain in optimal condition for artistic creation.

Additionally, users can visit others' profiles, view their posts, and follow or unfollow them as desired. For students, the platform allows them to track their progress throughout their courses. Upon completion, students can download a dynamic certificate, recognizing their achievements.

Main Project

The main project will build upon this foundation, introducing advanced features and expanding the platform's capabilities. This includes implementing 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, a new user type, Institution, platform for jobs and events, along with the ability to filter and prioritize, will be incorporated to ensure 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.

