Enhancing Student Photography Skills with Web-based Photo Stock

Abstract:

In today's digital era, students are increasingly interested in enhancing their photography skills. To support this interest, we have developed a web-based application that allows students to upload their photographs and share them with others. This platform enables users to view each other's work and provide suggestions or appreciations, fostering a community of encouragement and learning. By offering a space for constructive feedback and positive reinforcement, the application helps students improve their photography skills and gain confidence in their creative abilities.

Existing System:

Traditional photo-sharing platforms, such as social media and general stock photo sites, do not cater specifically to students or provide dedicated features for skill development and constructive feedback. These platforms often focus on professional photographers, making it difficult for students to receive mentorship, learn through structured feedback, or connect with a peer community focused on learning.

Proposed System:

The proposed **Web-based Photo Stock** application is designed to foster a supportive environment for student photographers. It allows users to upload their photos and receive feedback through comments and appreciations from peers. By creating a space for sharing and constructive interaction, the platform encourages students to improve their photography skills and gain confidence. The application aims to build a community where students can showcase their work and learn from each other's experiences, helping them to grow as photographers.

Key Features:

• **Photo Upload and Categorization**: Students can upload their photos, assign categories or tags, and build personalized portfolios organized by theme, style, or technique.

• **Feedback System**: Users can receive feedback on their photos through comments and appreciations from other students, encouraging constructive interaction and skill enhancement.

• **Showcase Gallery**: A space dedicated to featuring student work, where users can gain recognition and inspiration from their peers' creativity.

Software Tools:

- **Frontend Technologies:** HTML, CSS, JavaScript (React or Vue) for building an interactive, user-friendly interface.

- **Backend Technologies:** Springboot to manage user data, image uploads, and feedback systems.

- **Database:** MySQL for storing user profiles, photos path, feedback, and learning resources. Hardware Requirements:

- **Server and Database Hosting:** A web server and database capable of managing large image files, user data, and real-time interactions for a seamless experience.

- **User Devices:** The platform is optimized for use on desktop and mobile devices to allow students to engage from various environments.