

ABSTRACT

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Title: ARR WALLPAPERS

The primary goal of ARR Wallpapers website is to create a dynamic platform that empowers content creators by providing them with a space to showcase their artistic work and monetize their talent. This website serves as a dedicated hub, uniting artists, photographers, and designers, allowing them to exhibit their wallpaper creations and gain well-deserved recognition for their skills and creativity. By offering this unique platform for content creators.

The Wallpaper website functions as an online gallery, curating a vast collection of high-quality, visually captivating wallpapers for users to download and utilize as background images on their electronic devices, including computers, smartphones, and tablets. This site offers an extensive range of wallpapers across diverse categories, ensuring there's something for every taste. For users seeking to discover and download stunning wallpapers, ARR Wallpapers offers both free and premium subscription-based wallpapers.

ARR Wallpapers introduces a subscription-based model with two plan options: monthly and yearly. Subscribers gain exclusive access to premium wallpapers, which may feature higher resolutions, unique designs, and additional features, elevating their digital experiences. Subscriptions ensure that content creators receive compensation for their exceptional work, as they get a share of the revenue generated from subscriptions.

Topics to cover during Mini Project

Users:

1. Admin: The admin user has the authority to manage wallpapers, including deleting inappropriate content and deactivating users. Additionally, the admin can perform uploads and edits on the site. Admin has to verify the content creator's portfolio during registration, and after approval, creators can log in.
2. Content creators: Content creators have to register on the site with proper verification after admin approval. They can upload, update, or delete their wallpapers.
3. Subscribers (Premium Users): Subscribers can register and choose either a monthly or yearly plan. After making a payment, they gain the ability to download paid wallpapers in high quality. Content creators receive compensation from subscription revenue.
4. End Users: End users can easily download artists' work without the need to log in.

Modules:

Registration:

- Creators have to register with proper documentation for admin verification to check if they are genuine artists or not.
- Subscribers can choose their subscription plan during registration.

Login:

- Admin and creators can log in with their registered email usernames or Google accounts.
- Content creators can only log in after admin approval.

Wallpaper Gallery:

- Display a visually appealing and user-friendly gallery of wallpapers.
- Categorize wallpapers into different categories and tags for easy browsing.
- Implement search and filtering options to help users find specific wallpapers.
- Allow users to save wallpapers to their favorites or create personalized collections using cookies.

Administrative Features:

- Admin dashboard: Provide an administrative interface to manage user accounts, upload wallpapers, delete wallpapers, and content creator profiles.
- CRUD Functionalities for Content creators: Allow content creators and administrators to upload wallpapers, manage user accounts, edit wallpaper details, update user profiles, and modify content creator information.

Search Functionality:

- Implement a search module to quickly and efficiently find specific wallpapers or discover new ones.
- Utilize search algorithms to process user input and retrieve relevant wallpapers from the website's database.

Image Customization Options:

- Provide tools and features for users to personalize and customize wallpapers according to their preferences.
- Options may include resizing, cropping, adding filters or effects, and overlaying text or graphics.

Search property - Image Retrieval Using Convolutional Neural Networks (CNN):

- Utilize Convolutional Neural Networks (CNN) for image similarity search based on a related user-provided image.
- Find visually similar wallpapers from the website's database using deep learning techniques.

Payment Gateway Integration:

- Integrate with a payment gateway service to enable secure and convenient online payments for subscription plans, granting access to premium wallpapers and compensating content creators.