ABSTRACT

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ABSTRACT

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 at no cost, this site offers a rich selection of free wallpapers. Additionally, this site goes beyond mere wallpaper provision by incorporating innovative features, such as Wallpaper Retrieval through Similar Image Search and wallpaper recommendation, allowing users to find wallpapers that resonate with their aesthetic preferences.

Simultaneously, to support these creators and enable them to continue producing exceptional works, this site offers a collection of premium or paid wallpapers. These exclusive creations may feature higher resolutions, unique designs, and additional features, offering users an opportunity to elevate their digital experiences. The creators will receive their share of the revenue after the users purchase their respective wallpapers, ensuring that their talent and efforts are rewarded.

Topics to cover during Mini Project

Users

> **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 have to verify the content creator's portfolio that they uploaded in registration time, then the admin has to approve the creators to login.

> **Content creators**

They have to register to the site with his proper verification after the admin approval user can login.

Content creators have the ability to log in to the website and upload their own wallpapers. They can also update or delete their uploaded content.

> **Premium Users: -**

Allow users to register and login with the credentials.

After making a payment Grant premium user the ability to download paid wallpapers in 4K quality.

Ensure content creators receive compensation when premium users purchase their work.

> **End Users: can easily download the artists' work without login to the site.**

Modules

Registration: -

> Creators have to register with Username, E-mail and password or with google account to this site with proper documentation for admin verification to check he/she is a genuine artist or not.

Login: -

➢ Admin, Creators can Login to the site with registered email username or with google account.

➢ Creators can only login 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 favourites or create personalized collections.

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: -

➢ Create: Allow content creators and administrators to upload wallpapers and manage user accounts.

➢ Read: Enable users to browse wallpapers, view content creator profiles, and read ratings and views.

➢ Update: Provide options to edit wallpaper details, update user profiles, and modify content creator information.

➢ Delete: Allow content creators and administrators to remove wallpapers, delete user accounts, and manage contents.

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 Recommendation Using Machine Learning: -

➢ Utilize machine learning algorithms to provide personalized image recommendations to users based on their preferences.

➢ Collaborative Filtering: Recommend wallpapers based on users' interactions, such as views and likes.

➢ Similar Image Search: Enable users to find wallpapers similar to a selected image.

Payment Gateway Integration: -

➢ Integrate with a payment gateway service to enable secure and convenient online payments for premium wallpapers and donations to content creators.