REQUIREMENTS GATHERING

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ARR WALLPAPERS

1. Project Overview?

The Wallpaper website project aims to create a dynamic platform that empowers content creators by providing them with a space to showcase their artistic work and monetize their talent. The website serves as a dedicated hub, uniting artists, photographers, and designers, allowing them to exhibit their wallpaper creations and gain recognition for their skills and creativity. It functions as an online gallery, curating a vast collection of high-quality wallpapers for users to download and use as background images on their electronic devices. The website offers both free wallpapers and premium wallpapers for purchase. Additionally, the site incorporates innovative features such as Wallpaper Retrieval through Similar Image Search and personalized wallpaper recommendations.

2. To what extend the system is proposed for?

The proposed system is intended to be a fully functional online platform that serves content creators, premium users, and general viewers interested in downloading wallpapers. It aims to provide a seamless and user-friendly experience for both content creators and users, offering a wide variety of high-quality wallpapers for download. The system will support image customization options, advanced image search using Convolutional Neural Networks (CNN), and integration with a payment gateway for premium users.

3. Specify the Viewers/Public which is to be involved in the System?

The viewers and public involved in the system include:

a) Content Creators: These are artists, photographers, and designers who can showcase their wallpapers on the platform.

b) Premium Users: These are users who have registered and paid to access premium or paid wallpapers in 4K quality.

c) General Users: These are users who can access and download free wallpapers without the need to register on the website.

d) Admin Users: The administrators have the authority to manage wallpapers, moderate content, and perform site maintenance tasks.

4. **List the Modules included in your System?**

The modules included in the system are:

a) Registration

b) Login

c) Wallpaper Gallery

d) Administrative Features

e) CRUD Functionalities (Create, Read, Update, Delete)

f) Image Recommendation Using Machine Learning

g) Search Functionality

h) Image Customization Options

i) Search Property - Image Retrieval Using Convolutional Neural Networks (CNN)

j) Payment Gateway Integration

k) Wallpaper Filtering and Sorting

5. **Identify the users in your project?**

The users in the project include:

a) Admin Users

b) Content Creators

c) Premium Users

d) General Users

6. **Who owns the system?**

   Manager

7. **System is related to which firm/industry/organization?**

   The system is related to the firm or organization that developed and operates the Wallpaper website. This could be a software development company, an online platform specializing in digital art, or a startup focused on providing a space for content creators.

8. **Details of person that you have contacted for data collection?**

   "I collected the data by using the internet and referring to a similar website named WallpaperCave. Through this website, I was able to connect with a person who had relevant data that I needed for my research. I reached out to them via the website's contact form and requested their assistance in providing the specific information I was seeking. The person kindly responded to my inquiry and shared the data I needed for my project."

9. **Questionnaire to collect details about the project? (min 10 questions, include descriptive answers, attach additional docs (e.g. Bill receipts, certificate models), if any?)**

   1. What is the primary purpose of the wallpaper website?

   Answer: The primary purpose of the wallpaper website is to provide a diverse collection of high-quality wallpapers for users to download and use on their devices.

   2. Who is the target audience for the website?

   Answer: The target audience includes individuals who are looking for aesthetically pleasing wallpapers for their desktops, laptops, smartphones, and other devices. Aim to cater to a wide range of interests and age groups.

   3. What types of wallpapers are expected to be featured on the website?

   Answer: The website will feature a wide variety of wallpapers, including nature, landscapes, abstract art, animals, technology, Superhero's, and more. Users will have the option to browse different categories to find wallpapers that suit their preferences.

4. How should users be able to search and filter wallpapers on the website?

Answer: Users should be able to search for wallpapers based on keywords, resolution, category, and popularity. Advanced filtering options will enhance the user experience and help users quickly find the wallpapers they desire.

5. What file formats and resolutions should the wallpapers be available in?

Answer: The wallpapers should be available in popular file formats like JPEG and PNG, and in various resolutions suitable for different devices, including common desktop and mobile screen sizes.

6. Will users be allowed to upload and share their wallpapers on the website?

Answer: Yes, Users can register as content creators and will have permission to upload and share wallpapers. Registered users can submit their wallpapers to share with the community; however, all submissions will undergo moderation after published.

7. Do you want social media integration for sharing wallpapers?

Answer: Yes, Social media integration that allows users to easily share wallpapers they like on platforms like WhatsApp, Instagram and Facebook.

8. Should the website offer wallpaper customization options?

Answer: Providing basic customization options like cropping and resizing wallpapers to fit different screen sizes could enhance user satisfaction.

9. How do you envision the website's user interface? Do you have any design preferences?

Answer: The user interface should be intuitive, clean, and visually appealing. Prefer a modern design with easy navigation and a focus on showcasing the wallpapers effectively.

10. What are your expectations regarding website performance and loading times?

Answer: Expect the website to have fast loading times and high performance, ensuring a smooth and seamless browsing experience for users.