

1. Header and Logo Section

- The header features a logo and a title "Photo Gallery" at the center. The logo is loaded from an image file and displayed with appropriate sizing. The title is styled with a large font size to make it prominent(index)(styles).

2. Photo Upload Functionality

- Users can upload their photos using a form that includes fields for selecting an image, choosing a category (e.g., Nature, Architecture, People), and adding tags. Once submitted, the image is processed and displayed in the gallery(index)(script).

3. Filtering by Categories

- The gallery includes buttons to filter photos by categories like "Nature," "Architecture," and "People." This is handled through a dynamic rendering process that updates the displayed photos based on the selected category(index)(script).

4. Tag-Based Filtering

- Users can also filter photos by tags like "Landscape," "Urban," or "Portrait." Tags can be toggled on or off, and the gallery dynamically updates to show photos matching the selected tags(index)(script).

5. Photo Gallery Display

- Photos are displayed in a grid layout, styled with margins and hover effects. The layout is responsive, adjusting the number of columns based on the screen size to ensure optimal viewing on various devices(styles)(script).

6. Lightbox for Enlarged View

- Clicking on a photo opens it in a lightbox—a full-screen overlay that displays the image in a larger size. The lightbox includes navigation buttons to move to the next or previous photo, and a close button to exit the lightbox(index)(script).

7. Photo Navigation

- Users can navigate through the photos within the lightbox using left and right arrows. This allows easy browsing of the images without exiting the full-screen mode. The current photo is updated dynamically based on user interaction(script).

8. Star Rating System

- Each photo includes a star rating system where users can rate the image from 1 to 5 stars. The ratings are visually represented by colored stars, and the ratings are saved per photo (script).

9. Footer with Social Links

- The footer section contains copyright information and social media links to Instagram, LinkedIn, and GitHub. These links are styled and positioned to align with the gallery's theme, making it easy for users to connect on different platforms(index)(styles).

10. Responsive Design

- The gallery layout and components are responsive, adapting to various screen sizes. Media queries are used to adjust the gallery's grid layout, ensuring a good user experience on both mobile and desktop devices(styles)(script).