

Dynamic Image Carousel

The Dynamic Image Carousel provides an interactive and visually appealing way to display images of travel destinations. It is designed to enhance user experience with essential features such as **auto-sliding**, **pause-on-hover**, and **swipe functionality** for mobile users. Built using **HTML**, **CSS**, and **JavaScript**, this carousel allows users to navigate through a series of images with ease while offering customization options like adjusting the auto-slide interval.

The carousel dynamically updates based on user interaction, ensuring smooth transitions between images and seamless navigation. With navigation controls including **arrows** and **clickable indicators**, users can easily move through the carousel, while the **auto-slide feature** ensures a hands-off viewing experience. The **pause-on-hover** functionality provides users with control over the carousel's movement, making it both interactive and responsive.

The system's backend logic ensures smooth operation by enabling real-time adjustments to the auto-slide interval via an input field. Admins and developers can also easily modify the carousel's images and customize the design to suit specific needs. The **responsive design** ensures compatibility across all devices, from desktop to mobile.

Key Points:

- **Image Carousel Management:** Allows easy addition of new images and customizations.
- **Auto-Slide and Interval Customization:** Offers automatic transition and manual adjustment of slide intervals.
- **Responsive Design:** Ensures compatibility across all screen sizes and devices.
- **Mobile-Friendly Swipe Functionality:** Provides smooth touch gestures for mobile users.
- **Customizable Controls:** Navigation arrows and indicators with dynamic updates.

This Dynamic Image Carousel enhances the visual presentation of travel content, offering an engaging and interactive experience for both administrators and users while simplifying the process of content display management.