**CollegeTips.in Photo Gallery - Design Brief**

**Design Choices:**

- Colour Scheme: Primary green (#2ecc71) for brand consistency, with dark/light accents for contrast.

- Typography: Clean, modern \*Poppins\* font (Google Fonts) for readability.

- Layout: Responsive grid with hover effects, dynamic filtering, and a full-screen modal.

- Interactivity: Keyboard-navigable gallery, mobile-friendly hamburger menu, and progressive loading.

**Tools Used:**

- HTML5, CSS3, JavaScript (no frameworks)

- Font Awesome icons, Google Fonts

- CSS Grid/Flexbox for responsive design

**Key Features:**

1. Filtering & Search: Sort by category (Team, Workplace, Events) or search captions.

2. Load More: Loads 8 images at a time for performance.

3. Modal Viewer: Full-screen image preview with navigation.

**Challenges Faced:**

-Load More Reset: Fixed by separating filter logic from display counter.

- Mobile Navigation: Solved with CSS transitions and JS toggles.

- Image Consistency: Used `aspect-ratio` for uniform grid layout.

**Lessons Learned:**

- Vanilla JS provides full control without framework overhead.

- Accessibility (keyboard nav) improves UX significantly.

**Future Improvements:**

- API integration for dynamic content.

- Light/dark mode toggle.

- Infinite scroll option.

**Conclusion:**

A lightweight, interactive gallery that showcases CollegeTips.in’s culture effectively across all devices. Focused on brand alignment, usability, and performance.

**Link:**

<https://cool-pavlova-b93905.netlify.app/>