

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/>