## **Mackathon Web Shopping Site**

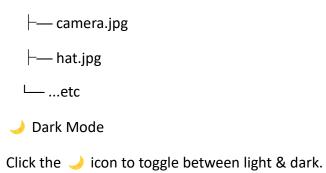
This is a responsive e-commerce website built for a hackathon, using HTML, CSS, and JavaScript, enhanced with dark mode, a persistent cart, and real product images.

## 🚀 Live Site

https://vishwa1805.github.io/Generative-Al-Hackathon/

- **Bugs Fixed**
- ✓ Cart array initialization was incorrect now defaults to [] if localStorage is empty.
- ✓ LocalStorage was overwritten twice (setItem bug) fixed to only store serialized data.
- showProductDetail used fragile onclick handlers improved with safe string handling.
- ✓ Dark mode toggle was page-local now uses localStorage so it stays synced between index.html and cart.html.
- ☑ Broken search filter made case-insensitive and ensured it works across all categories.
- CSS and HTML cleanup for consistent IDs and class naming.
- Enhancements Made
- Integrated product images (inside images/) for a richer UI.
- Added category-based grouping (Shoes, Electronics, Clothing, Accessories).
- 🍀 Built a dark mode toggle 🌙 that persists across all pages.
- Redesigned product cards with hover animations, drop shadows, and clean typography.
- 🦊 Included "Go to Cart" button styled prominently near the search bar.
- 🦊 Cart page shows a clear total, plus option to clear cart.
- Fully responsive layout using Flexbox and Grid.

Al Tools Used & How They Helped
ChatGPT (by OpenAI)
Assisted in debugging, generating product data, designing responsive CSS, cleaning up JavaScript logic, and writing this README.
GitHub Copilot (VS Code)
△ Helped autocomplete standard JavaScript methods and reduce boilerplate.
Al design suggestions (perplexity)
Proposed modern UI interactions and color themes.
■ Tech Stack
HTML5
CSS3 (Flexbox, Grid, transitions)
Vanilla JavaScript
Images stored locally in images/ directory
Project Structure
markdown
Сору
Edit
Hackathon/
├— index.html
├— cart.html
├— style.css
├— index.js
└── images/
├— backpack.jpg



Theme preference is saved across both pages.