Hackathon Web Shopping Site

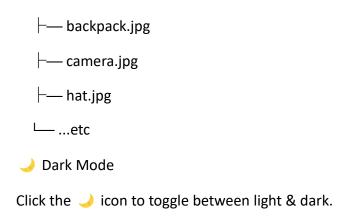
This is a responsive e-commerce website built for a hackathon, using HTML, CSS, and JavaScript, enhanced with dark mode, a persistent cart, and real product images.

- **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 decima consections (a content)
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/



Theme preference is saved across both pages.