

HamiSkills Internship – Web Development Track **Week 4 Final Project (Complete)**

Project brief

This is the capstone week. Combine Weeks 1–3 (landing page, product catalog with search/filter, modular cart with localStorage) into a single, polished, portfolio-ready Hami MiniMarket web app. Product data must be local (`data/products.json`) or come from a simple backend you build. Authentication and backend are optional extra credit. Finish a working, professional shopping experience for fruits and vegetables that looks great on mobile and desktop.

Required deliverables (must complete)

- **Product source**
 - Use local data file `data/products.json` OR your own backend database (SQLite, Postgres, MongoDB). No external APIs for product data.
- **Product listing UI**
 - Responsive product grid/list showing **name, category, price, image**.
- **Modular cart system**
 - **Reuse or provide modules:** `product.js`, `cart.js`, `storage.js` (or framework equivalents).
 - **Features:** Add to Cart, update quantity, remove item, cart counter in navbar, cart UI (sidebar or cart page).
- **Persistence**
 - Save cart to `localStorage` and restore it on page load.
- **Checkout flow**
 - Order summary with subtotal, tax, discount (if any), total.
 - Confirm Order button → show “Order confirmed!” success state and clear cart.
- **Polish & accessibility**
 - Mobile-first responsive layout, consistent branding (colors, fonts, logo), readable typography, accessible markup, and neat spacing.

- **Repo & README**

- Public GitHub repo with clear folder structure, `data/products.json` (if no backend), and README that includes: features, tech stack, setup/run steps, data source choice, screenshots, and a short reflection.

- ✨ **Optional extra credit (advanced)**

- **Authentication** (mock or real): signup/login to gate checkout
- **Custom backend:** REST API serving products and saving orders (Node/Express, Flask, FastAPI, etc.) with any DB ☁️
- **SPA/frameworks:** React or Vue implementation with components and routing
- **UX extras:** quantity selector, discounts (e.g., 10% over \$50), low-stock badges, toast animations, order history for logged-in users
- **Deployment:** deployed frontend and/or backend for demo (bonus credit)

- 📝 **Mentor checklist to submit**

- Submit the live link or GitHub repo link on hamiskills.dev under Week 4 tasks.
- Go to the HamiSkills organization on GitHub and also follow our organization: <https://github.com/HamiSkills> and open the Interns repository.
- Edit your entry in the Interns file at <https://github.com/HamiSkills/Interns> and include the following fields: name, track, joined date, project link, and a 1–2 line description of your project.
- After saving your change, open a Pull Request to submit your profile update to the HamiSkills/Interns repository.

