

# Front-End Developer Assessment (2-Hour Challenge)

## Task:

Build a **responsive product listing page** that fetches data from a provided mock API (JSON file).

## Requirements:

### Layout & Styling

- Display a grid of product cards (image, title, price, and “Add to Cart” button).
- Use **semantic HTML5 elements** and ensure the design is responsive (works on desktop, tablet, mobile).

### Interactivity

- Each product card should include a **quantity selector (+ / –)** that updates the **total price** dynamically.
- Add a “**Check Availability**” button that shows stock status (“In Stock”, “Low Stock”, “Not Available”), using data from the mock API.
- Implement a simple **hover effect** on product cards to reveal extra product info.

### API/Data

- Fetch products dynamically from the provided API/JSON file and render them on the page.
- Display badges like “Our Choice” or “On Demand” when indicated in the data.

### UX & Accessibility

- Ensure images have **alt text**, interactive elements are **keyboard accessible**, and proper **aria-labels** are used.

### Bonus (if time allows):

- Lazy-load product images for performance.
- Add basic SEO tags or structured product data (schema.org).