FED Programming Challenge

This is a front-end engineer programming exercise designed to test the skills required to maintain an eCom site utilizing modern technology native to the browser.

Your task is to create a hierarchical menu displaying products by collapsible categories with "add to favorites" functionality.

1). Create a new github repo and make public via a gh-pages branch.
2). Create an index.html file. This file should be semantic, accessible, responsive, and discoverable.
   a. Accessible - Landmark ARIA roles - passes Lighthouse tests - keyboard navigable
   b. Responsive - Displays on a mobile device and passes Google mobile tests
   c. Discoverable - SEO fundamentals, SMM Open Graph, and JSON-LD
3). Create a single script element. Code all logic within this element. Use no external libraries.
   a. Using the Fetch promise API get this JSON file. Combine into a normalized JS data structure.
   b. Iterate through the data structure and generate the HTML elements and event listeners.
   c. Hovering over a product name will reveal it's sale price
   d. Clicking / tapping on any of the products should "Add to Favorites". This state will display a heart toggle (SVG) next to the product. The list of favorite products will persist between sessions in local storage. Mock a Google Analytics custom event to capture that the product has been favorited.
4). Create a single style element. Code all CSS within this block. Use no external libraries.
   a. Use BEM naming
   b. Use *CSS Grid* instead of *Flexbox*
   c. Try not to use !important
5). Test your work on various modern browsers
6). Send us the link to your finished repo

Tips: If you cannot finish simply do the best you can and explain your thought process in the comments. Work at your own pace. We prefer quality over speed.