

Front End Code Test – Conceptual Wireframes

v2.0 DRAFT

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isobar

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INSTRUCTIONS

Thank you for taking the time to complete our Front End Development coding test. Please follow the instructions below when completing your test. We’ve broken the required tasks into three areas, please get as far as you can through the requirements in two hours, with a goal of implementing at least one task from each area. Do not be concerned if you do not finish everything. Should you have any questions, please use your best judgement and implement the feature as you think it should behave. For this test, you only need to target modern browsers.

You may find you need a local server to run this code locally. Please see localserver_setup.txt if you need assistance.

LAYOUT

- Complete the basic page markup - header, footer, navigation, content area and sidebar, including basic background colors
- Layout all other content according to the comp
- The footer should be at the bottom of the user’s screen even if the content does not push it that far down the page. If the content requires a scrollbar however, the footer should be at the bottom of the content.

FUNCTIONALITY

- Clicking on tabbed navigation items should display that product category’s products.
- Products and product categories should be loaded from the supplied JSON in data.json
- The “All Products” category should be dynamically created through merging all the product categories, removing any duplicates.
- Sort products alphabetically or by price using the filter controls

STYLING

- Implement tabbed navigation states
- Implement page background (BONUS: Implement page background using only CSS)
- Implement the webfont (from Google web fonts <http://www.google.com/fonts/>)

DESIGN NOTES

PRODUCT LISTING

This is the initial screen the users will see when they load the app. The default view is the listing of all products which is programmatically calculated by merging all the product categories, removing any duplicates.

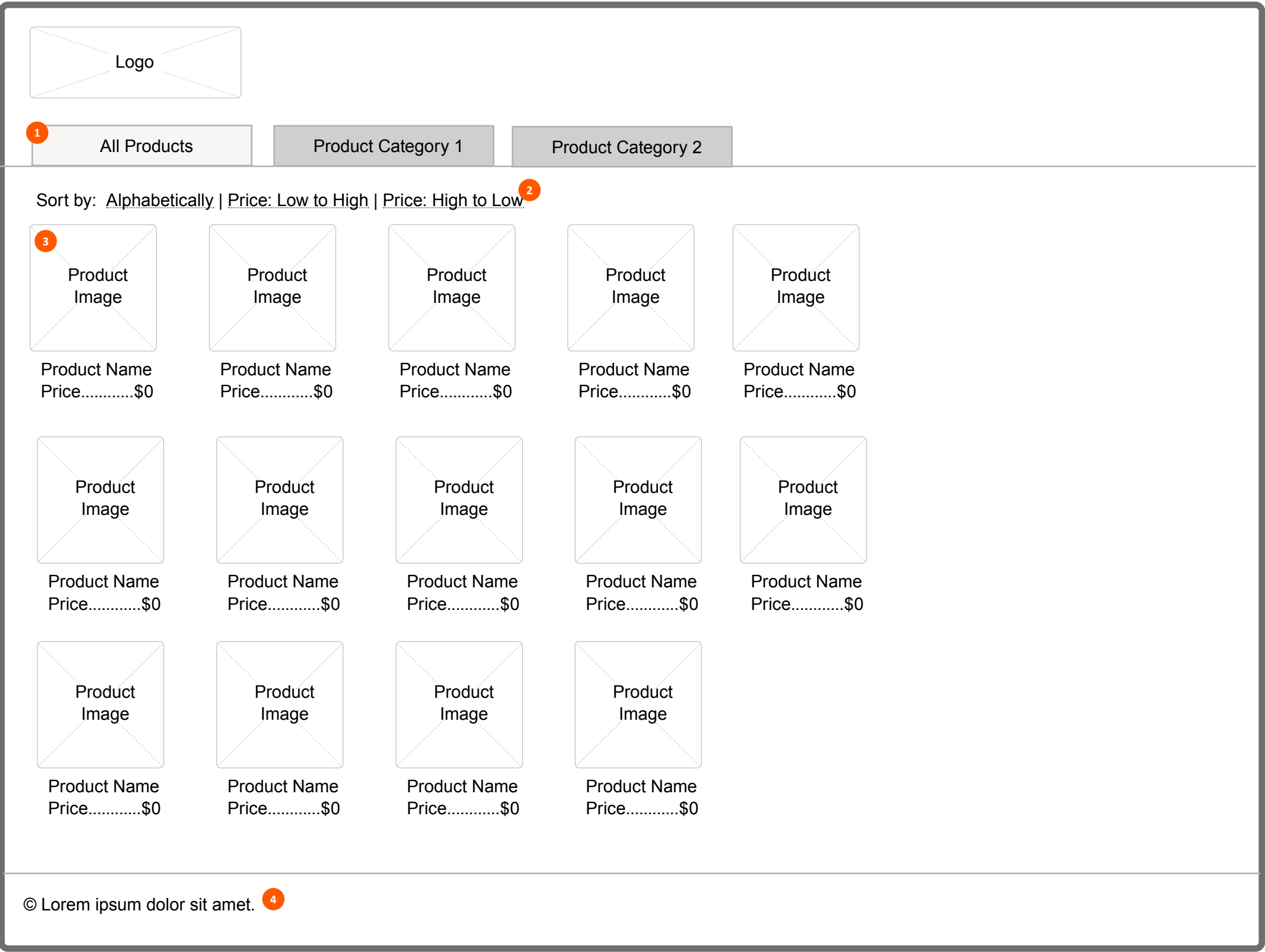
- 1

Product Listing Category Filter Bar
Filters the products displayed on the page based on product category.
- 2

Product Filter
Further filters the product listing, organizing the products in the selected category either alphabetically, or by ascending or descending price.
- 3

Individual Product Listing
Shows a quick snapshot of the product info, an image, the product name and a price. Hovering over a listing shows a hover state.
- 4

Footer
Displays the copyright. Should either be at the bottom of the screen if there is not enough content to fill the screen, or if there is more content than can be displayed on the screen, be placed at the bottom of the content.



DESIGN NOTES

PRODUCT LISTING NAVIGATION DETAIL

This tab bar controls which products are listed on the page.

- 1

Selected State
Selecting a tab updates the product listing below to display the products in that category. The other tabs are deselected.
- 2

Hover State
When not selected, the tabs display a hover state when the user mouses over them.
- 3

Default State
The tab's default state when not selected or hovered.

