

POLYWOOD - Magento 2 Developer Take-Home Project

Project Overview

Resources

XD: <https://xd.adobe.com/view/55338ee4-4398-4816-9d26-273e9e764e38-0060/>

Assets: <https://drive.google.com/drive/folders/1QSSLgNvFRm725fn8fhPoTnYPNI2i1e-I>

Fonts: <https://www.wfonts.com/font/gotham-rounded>

Your Task

The referenced Adobe XD file is an example of a category page “enhancement” that a frontend developer would implement on our site. This is a mockup of just one specific section of the overall page. Your task is to convert this mockup (using the assets in the referenced Drive folder) into a functional web page using modern CSS, HTML and JS. The idea is the HTML and CSS you produce could theoretically be dropped into a category page in Magento for a particular category.

The XD file is only of a desktop view, but we expect the final result to be fully responsive (use mobile best practices to scale down the desktop view to mobile. For example, rows of images convert to columns, left/right column arrangements with text and an image should be flipped vertically, etc). You do not need to worry about IE compatibility, but make sure it’s visually precise on the current version of Chrome, Firefox, and Safari.

We are not against opinionated implementations, meaning, if you think a particular element might look better implemented a different way, go for it. You are free to use whatever frontend technologies you prefer (flexbox, css columns, jQuery, etc) as long as they are compatible with modern browsers. You may also use any compilation technologies (less, sass, webpack, etc) to ease development but still produce a production version of your CSS.

Evaluation Criteria

This exercise will be evaluated by our ecommerce team. We’re looking for custom-written CSS, JS and HTML that is clean, readable, performant, and maintainable. One example, as you are scaffolding this CSS, think about writing it in a way that would allow you to reproduce the same layout easily for a different category without much additional work. Another example, not all of these images are internet-ready, meaning you may need to minify them or they may need to be cropped. We expect this task to not take more than a few hours, but take as much time as you need to complete it.

Delivery

Please push your work (HTML file and related CSS / images) to a publicly accessible git repository. When you have completed the project, please relay the repository link to us for evaluation.