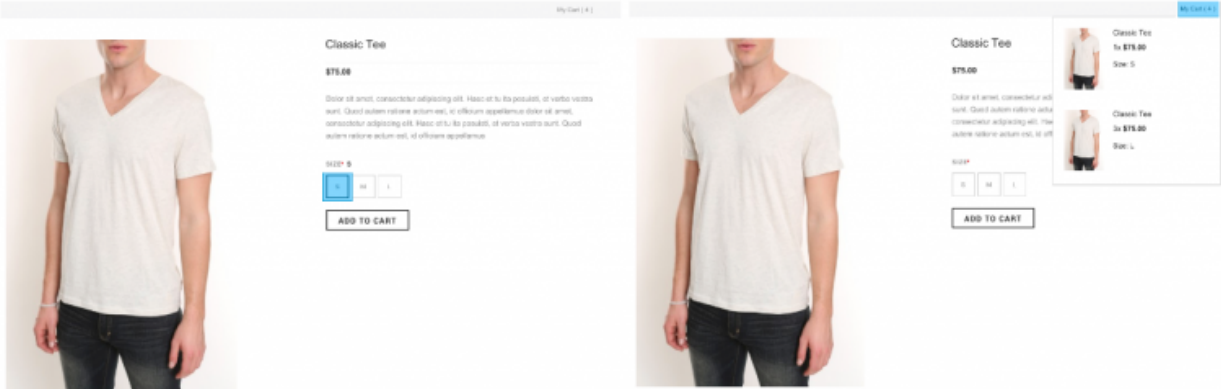# MR Frontend Developer Technical Test

Brief

You've been asked to create a simple product details section for a clothing site with cart functionality customer's product selections. The clothing site will comprise a client-side app in Javascript, HTML, CS

A T-shirt is displayed on a product page and it has various sizes which a customer can purchase. Imag Product Screen and Mini-Cart are attached to give you an idea of how this is visualised in the app. Fur provided in the design prototype

Screenshots

Requirements

- A web page is provided based on the design prototype. You do NOT have to be "pixel-perfect", recommend trying to meet the basic design details.
- Responsive web design. The site needs to fit the different sizes of the user's screen. Only large des mobile designs are provided. You need to fill in the blank on what the page looks like in between.
- A customer can add a product with selected options (size) to a cart.
    - When the page is first loaded there is no size selected.
    - Successfully adding a product to the cart will populate this sized product in the mini cart sec
    - Clicking Add to Cart without the size option selected will show an error message.
    - There should only be one row for each product size selected within the mini cart. Quantities as the product is added multiple times.
    - Add to Cart button on hover colour changes, apply a 0.2-second transition to animate this.
- A customer can view a mini-cart of their selections
- Product information will be consumed from the Product API: **HTTP GET** https://3sb655pz3a.execu southeast-2.amazonaws.com/live/product

Design Prototype

Desktop: https://invis.io/WEAP5MIGX

Mobile: https://invis.io/ASAP5RSBD

- There are multiple screens of each prototype, you can view all the screens by clicking the grid ico bottom right
- You can interact with the prototype by clicking/hovering certain areas of the prototype. This give idea of how we expect the page to work. More details are in the requirements section below.

Colour Schemes:

Header background: #F6F6F7

Font colour: #222222 and #888888

Required star *: #C90000

Border light grey: #CCCCCC

Border dark grey #222222

Classic Tee jpg： https://drive.google.com/file/d/0B8KYnbdnrRGXSXVoMzdqRWhCTXc/view?resourc isJkYanmVCSmONHLETXDwg

You will be assessed on

- Completion of the requirements
- Code design, and quality
- Framework/library choices
- Edge case scenario handling
- Bonus points are awarded for automated tests, and deploying the app

To submit the test

Please create a GitHub repository for this test. Commit all files including source files for any code you c CSS preprocessor files.

Send the link of the GitHub repository to warren@moustacherepublic.com and william@moustacherepl you have completed the test.

There is no strict limit on the duration of this test, but we would not want you to spend too much time c over 4 hours, feel free to stop and just commit all the code you have got.

LET'S MAKE MAGIC

We live on the leading-edge of eCommerce. You can too. Let's talk.

GET IN TOUCH   ▶

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