

House of Kaizen - Web Development Test

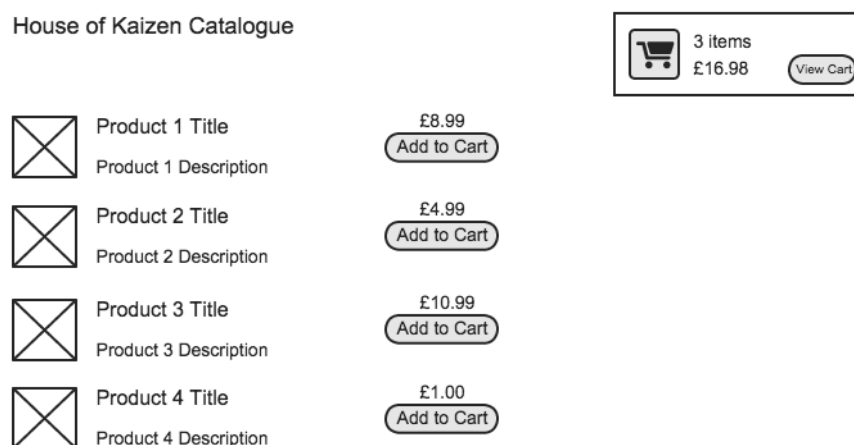
The test consists in building a single page application to simulate a shopping cart. You will be provided with a JSON file with a catalogue of all the products available. You will be evaluated by the structure of your Javascript, CSS and HTML code.

Notes:

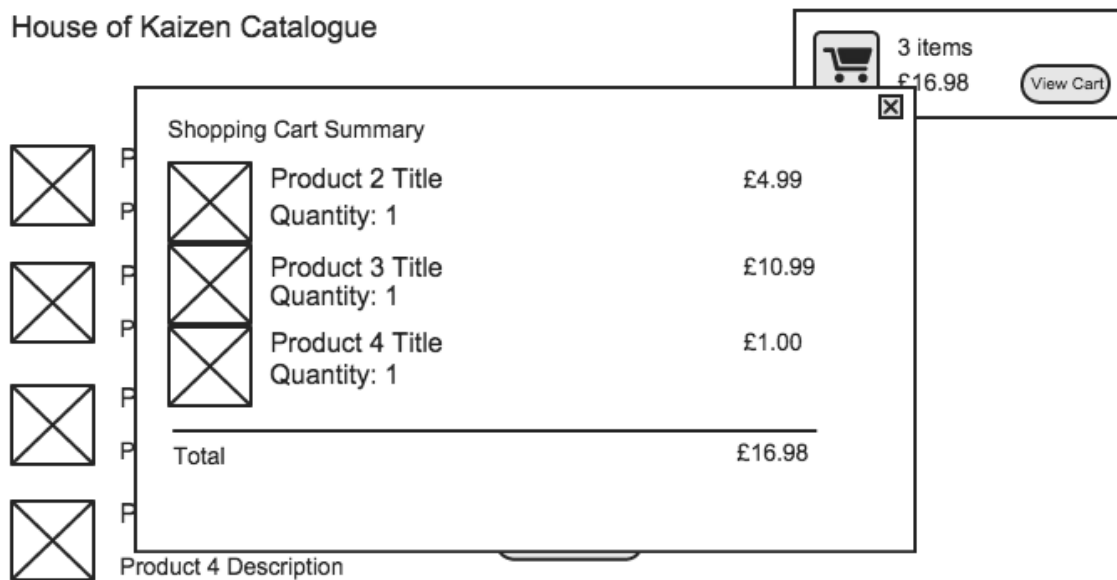
- The solution should be a single HTML file that loads all the necessary files (CSS, JS, etc). We leave the directory structure to you. For example, it could be: index.html, js/shoppingcart.js, css/shoppingcart.js.
- Please **do not use any server side code**.
- The catalogue is provided on the data.json file attached. Your code should dynamically parse this file, so we can test it with different catalogues.
- Please assume that all the prices are in GBP.
- You are incentivised to use jQuery on your solution. Please pick your preferred version from a CDN (e.g. <https://code.jquery.com/jquery-1.11.2.js>)
- We incentivise the use of Object-Oriented Javascript.
- The page is ephemeral. This means that if the page is refreshed the cart loses all the products previously added.
- Your solution should be sent in a zipped file with your first and last names (e.g. john-smith.zip). Feel free to include a readme.txt if you feel it is needed.

Requirements:

1. Please start by representing the products in the catalogue accordingly with the following wireframe. For that you should parse the data.json file provided.



2. Each product has the ability to be added to the cart. To simplify, consider that the quantity added is always 1.
3. Every time a product is added to the cart, you should update the view indicating how many products are on the cart, and what is the total, as per wireframe on step 1.
4. The shopping cart in the top right corner has a 'View Cart' button. When clicked, that button should list all the products in the cart and their quantities, as well as the total. This can be implemented as a 'modal'. Please note that if you add a product more than once, you should update the total amount per line item (e.g. adding twice the product 4 of the wireframe, will make the line item to show 'Quantity: 2' and sub-total £2.00).



Good luck! If you have any questions please don't hesitate to ask.

Best,
House of Kaizen Tech Team