# **Harrods Digital Developer Technical Test**

**Overview:** Harrods needs a new web solution to allow customers to purchase hampers. You have been tasked with creating a proof of concept for the core shoppingbasketpart of the solution.

**Task requirements:**

Create a shopping basket single page application that allows the user to:

* Select and add a product from a list to the basket – the product list and the basket should be separate views
* Remove a product from the basket
* Calculate and display the basket total when changes are made
* Modify the quantity of a basket line item
* Retrieve the list of products – the product list data via an API endpoint call  
  *(the API has been provided)*
* Submit the basket selection (structure of your choosing) to the API *(provided)* when the user clicks a ‘Purchase’ button and write the data to a file

Product JSON

{

"products": [

{"id": 1, "title": "Wine collection", "price": 100, "stock": 1},

{"id": 2, "title": "Cheese selection Hamper", "price": 50, "stock": 10},

{"id": 3, "title": "Supreme Hamper", "price": 200, "stock": 5},

{"id": 4, "title": "Premium biscuit selection", "price": 75, "stock": 20},

{"id": 5, "title": "All you can eat Hamper", "price": 250, "stock": 2}

]

}

**The guidelines:**

The SPA should be constructed using a front-end framework of your choice, i.e. Vue, React, etc. and show logical UI layout and use of CSS styling.

The API and product.json has been provided, but if you run into issues using this please either create your own API or alternatively show a means of accessing the products JSON within the SPA itself.   
  
Please spend no more than 2hrs – the key is to show your approach to the problem rather than necessarily a fully complete solution. Please zip your code for return.