

In this test you will be asked to build a **single page** application (vue, react, angular etc...).
The application will be of a shopping site with a back office for stats and product management.

General requirements:

1. Only single page applications
2. Use frameworks for both server and client sides
3. You are free to use any DB and code language (php, python, node or any other)
4. No need to take care of user permissions
5. No need to take care of file upload
6. No need to implement a pager or lazy load

Create a single page with 3 routes:

1. /admin

This page will display all available products, one item in a row.

Each item consists of the following:

- a. Title (name of product)
- b. Price (USD)
- c. Description (Up to X characters)
- d. Image - when editing/adding use an input field to paste urls from google (as opposed to a file uploader)

Clicking the edit button will open a modal box to edit all product data.

Clicking the add button will open a modal box that will allow the user to add a new product that will show in the list.

/admin

Add

title	price	option
product 1	3\$	<div>editdelete</div>
product 2	4\$	<div>editdelete</div>








2. /home

This page will display all the products that were added on the previous page. The items will be displayed as a grid with all relevant details. Clicking the “Buy” button will add the product to the user’s cart. The cart will display the number of contained products (When greater than 0)

Clicking on the shopping cart button will open a drop down that will display all current products in it with prices and the total price. At the bottom of the drop down will be a “Pay” button that will clear all the elements from the shopping cart and send the transaction to the server.

/home

shopping cart 4

 <p>title Desc Price</p> <p>Buy</p>	 <p>title Desc Price</p> <p>Buy</p>	 <p>title Desc Price</p> <p>Buy</p>	<table><tbody><tr><td>elem 1</td><td>3\$</td></tr><tr><td>elem 1</td><td>3\$</td></tr><tr><td>elem 1</td><td>3\$</td></tr><tr><td>Total</td><td>3\$</td></tr></tbody></table> <p>Pay</p>	elem 1	3\$	elem 1	3\$	elem 1	3\$	Total	3\$
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3. /stats

This page will display stats of sales in 3 boxes:

- Display the top 5 sold products
- Display the top 5 Unique sold products. i.e if a shopping cart contained more than one of the same product, count as one.
- Display the sales on a daily basis for the past 5 days

Top 5 sel	Top 5 unique sel	Past 5 days \$
product 1 - 32	product 2 - 5	3.3.20 - 500\$
product 2 - 21	product 1 - 3	3.2.20 - 100\$