Screenshot - as seen on mobile

Header

Section menu

Article description

Goals

The main goal of this tech test is to create a client side web application that reproduces the screenshot on the previous page.

We will evaluate the client side code and the criteria will be based mainly on:

- Clean, maintainable, easy-to-read and unit tested code
- Good architectural practices
- Good management of component styles

We will check by relevance:

- Produce a reusable component
- Produce a reliable and unit tested code
- There's a clear separation of concerns
- Good use of libraries

Acceptance Criteria - Header & Section menu

The header (1) must **be fixed** at the top of the viewport while scrolling and (2) consist of:

Components	*Possible customizations*
Background	*Colour, Gradient*
Logo	*Size, Image*
Burger menu	*Colour*
Section menu	*Colour, text, text size*

The customizations should be fetched from an API (which can be mocked). Example of customization can be seen in **Figure 1**

Section menu: Should support scroll to the right to reveal more Section links, if present.

Vertical scroll behaviour: When a user scrolls 400 pixels, the section menu should be hidden. This functionality should be implemented without the use of any library, as seen in **Figure 2**

Assets: Should be SVGs. The logo can be found on www.marfeel.com and the rest can be found online

Figure 1: With section menu

Figure 2: Without section menu, after scrolling 400 pixels

Acceptance Criteria - Article descriptions

Each article description consists of:

- Image on the left, if present
- Article title
- Short description

Descriptions are separated by a line, as seen on the screenshot.

Additional Information

Considerations:

- Avoid any backend development (use mocks if possible)
- Aim to spend around 3 hrs
- Use any test library, although we prefer Jest
- Provide a README explaining how to set up the test.

If really want to impress us, here are some stretch goals:

1. When scrolling 800 pixels only burger is visible (Figure 3)
2. When clicking on burger menu the lateral menu should open, listing all the sections (Figure 4)
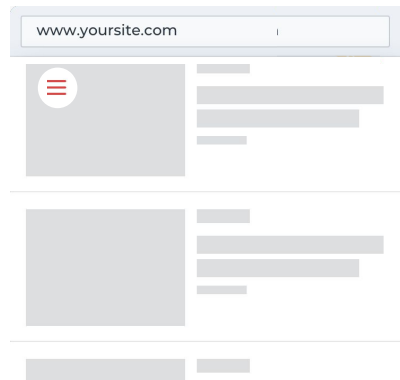3. Consider implementing SSR

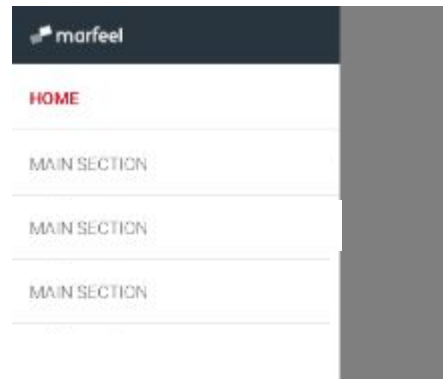**Figure 3: Only burger showing, after scrolling 800 pixels**

Figure 4: Lateral menu, when clicking on burger menu

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join_the_force@marfeel.com
Avda. Josep Tarradellas 20-30, 6th Floor
08029 Barcelona, Spain
+34 931.785.950