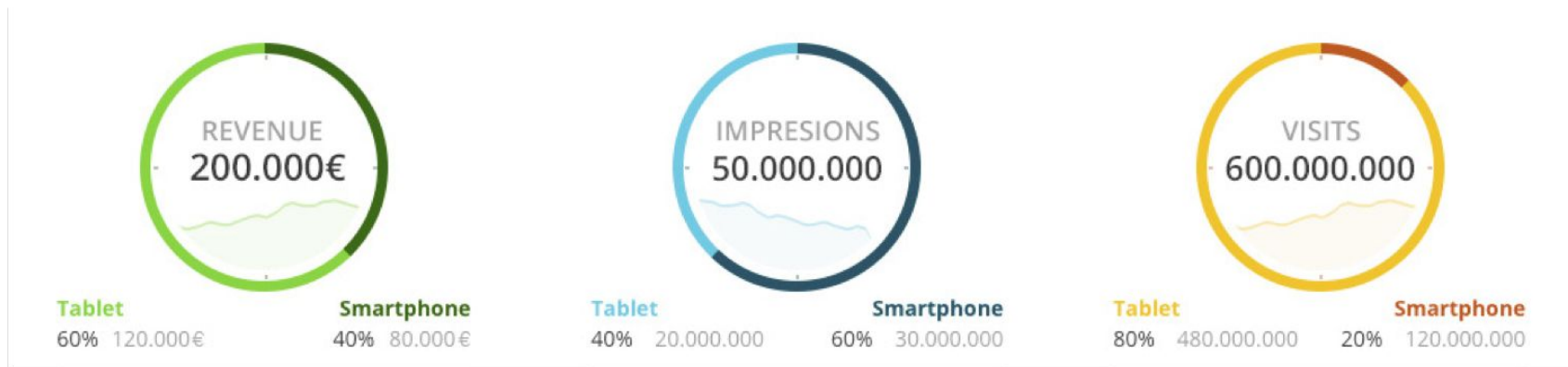# JavaScript test

JS / Frontend Development

Screenshot

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 - **WILL BE A MUST**
- Good architectural practices
- Clean HTML and CSS markup

We will check by relevance:

- Produce a reusable component (View) connected to 3 different data models.
- Produce a reliable and unit tested code.
- There's a clear separation of concerns between different layers (presentation, data...) In order to do that, you will need a dependency management tool.
- Pixel accuracy reproducing designs
- Good use of libraries
- Good use of pure Javascript language

Strong considerations:

- We encourage the usage of graphic library. Eg: D3JS library
- We recommend the usage of ES6.
- Don't use external frameworks like jQuery, AngularJS or React JS
- Avoid any backend development / dependency. Create a mocked communication with a fake server.
- Provide a README explaining how to set up the test.

Things to evaluate:

- Produce a reusable component (View) connected to 3 different data models.
- There's a clear separation of concerns between different layers (presentation, data...)
- Pixel accuracy reproducing designs
- Good use of libraries
- Good use of pure Javascript language

Not required, but impressive:

It would be nice if the three figures are inside an animated carrousel-like (or gallery) component, so the user can navigate through them horizontally. This carrousel should run completely smooth, especially in a mobile device.

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