

Code Challenge

GOAL

We would like to see the implementation of a web page for a web shop. The front end implementation needs be pixel-perfect i.e. it needs to look exactly like the provided wire frames. You only need to implement the front page of the web shop. [See instruction sections for details.](#)

OVERVIEW

This test is built to help us assess three aspects:

1. How you approach implementing a fronted interface for a modern responsive e-commerce web site based on a design provided to you e.g. wire frames or mock ups. We are interested in how you organize your code. While this is a short task, we'd like to see it structured as if it would become a large scale enterprise shop web site.
2. Your familiarity with the current standards of web front end development. We've time-boxed the application with the intent of not having you spend hours researching SCSS, Foundation and JavaScript.
3. Your use of SCSS and the Foundation framework in modern web sites.

INSTRUCTIONS

- Implement the first page / the homepage (slide 1) of this Invision mock up / wireframe:
 - <https://projects.invisionapp.com/share/C9UI0F5VG6N#/screens>
 - The web site should be responsive. Here are the mobile wireframes: <https://projects.invisionapp.com/share/JKULP4WPRDX#/screens>
- The slider should work like this
 - Example of the slider: <https://www.thefarmersdog.com>
- Use the assets / images provided to you (attached to the email sent to you).
- The waves are animated. That needs to be done with JavaScript

WAVES

```
$(document).ready(function () {  
  lottie.loadAnimation({  
    container: document.getElementById('hero-banner-wave'), // the dom element that will contain the  
    animation  
    renderer: 'svg',  
    loop: true,  
    autoplay: true,  
    path: '{{ 'data-color-1.json' | asset_url }}' // the path to the animation json  
  });  
});
```

There are JSON files for the waves.

REQUIREMENTS

- Create a github repository which you'll share with us. Follow what you understand to be best git development practices
- Build a standalone web site
- Include detailed instructions in a read-me file in the GitHub repository
- Create a video / recorded demo (ex via zoom) of the web site working in your web browser either Chrome or Safari. This should be a walkthrough which includes opening the web site and discussing how you have structured the code for the different sections.

USEFUL LINKS

In order to really shine at the code challenge, you should have an excellent understanding of the following technologies and libraries:

SASS / SCSS

<https://sass-lang.com/guide>

<https://sass-lang.com/documentation/at-rules/import>

<https://sass-lang.com/documentation/variables>

<https://sass-lang.com/documentation/at-rules/mixin>

Foundation framework

<https://get.foundation/sites/docs/>

<https://get.foundation/sites/docs/xy-grid.html>

<https://get.foundation/sites/docs/flexbox-utilities.html>

<https://get.foundation/sites/docs/visibility.html>

<https://get.foundation/sites/docs/menu.html>

Flickity (for galleries / product showcases)

<https://flickity.metafizzy.co/>

Web Fonts

<https://fonts.google.com/>