Practical Test

Prototype Description

The idea is to build a simple scrollable one page landing. The page is gonna be divided in content blocks. Each block will contain a different feature, enforcing you to attack different common challenges to build a website.

Navigation

- menu items right aligned:
    - Text
    - Twitter
    - Carousel
    - Share
- Menu items scrolls the page to the proper section
- The navigation is different for desktop and mobile:
    - Desktop: Horizontal menu fixed to the screen.
    - Mobile: Hamburger button to expose a full page menu

Header

- Adjust image to use the whole width of the page.
- 400px fixed height
- The image must center (vertically and horizontally) inside that box

Text Block

- Centered title
- Description block text
    - 500 character maximum

Image Gallery Block

- Carrousel of images
- Next and previous navigation should move the whole page

Twitter Block

- Shows the last 5 people that mention #jam3 on twitter
- Profile image to be shown + person's name / @username

Share Block

- Any default placeholder image
- One 'Share on Facebook' button to open FB dialog to share that image on FB

Footer

- Simple centered text: "Made by [your name] for Jam3. date"

Technical Requirements

- HTML, CSS and Javascript
- **Must use React.js as framework**
- The site must support desktop, tablet and mobile
- Twitter API must be used to gather the latest tweets
- Must be hosted as public project on your github account
- Use of css frameworks is prohibited
- You can use CSS pre-compilers but it is not required
- Use Github Pages to host your demo. (Under settings in github)
- Push as often as possible, but as minimum once per day
- Each content block must be treated as a [Component](#)
- Use React with npm

Useful links

- https://facebook.github.io/react/docs/getting-started.html
- https://dev.twitter.com/rest/public/search

Steps to follow / Deliverables

The follow timeline:
1. Get this document and fully understand it
2. Answer back with an hours estimation to build the prototype
3. Build the prototype and share on the pre-defined date/time

Bonus / Make it shine

- Take on mind load speed, build/release procedures
- Add rollover animation on the menu. (Desktop only)
- Add an in animation for the menu items (Desktop only)
- Add animations to your carrousel component using Javascript
- Add a preloader
- Do not use jQuery
- Document your approach on the readme file
- Create reusable components
- Make your site to change the URL when you scrolling down or using the menu
    - [url]/text
    - [url]/twitter
    - etc