## Senior Front-end Developer Test

### Introduction

The assignment involves coding a header with main navigation, where the page is done in the given width and a 12 col grid layout. The header needs to be pixel perfect to the PSD mockup we provide. The navigation is simple and has a dropdown with CSS only.

Resources (PSD mockup images & Boilerplate project package) in shared folder.

#### Basic Guidelines & Instructions

1. Use the given Project boilerplate and create your project.
2. Use SASS (.scss) as a preprocessor for CSS
3. Use Zurb’s Foundation 6 as the framework for this tiny project. The provided boilerplate template includes it.
4. Use Foundation’s flex based grid for laying out the page.
5. **Create all the markup for the page. Style only the header as you see in the Photoshop mockup. The header should include Logo, Main Navigation (with hover state - drop down sub navigation)**
6. Create the page with 12 columns grid with given gutter and left/right margins in the PSD. The elements should be pixel perfect to the mockup.
7. Width of the page should be 1250px in total as shown in the mockup.(for the desktop)
8. Use ‘Lato’ font from Adobe Edge (import provided with the project)
9. Use only CSS without JavaScript or very minimal jQuery/JavaScript to achieve the drop down effect of the navigation. The actual states should be driven with CSS only.
10. The containers used should be flex based ones and positioned with Foundation’s flex grids.

#### Secondary Tasks

1. We at NYUAD, strictly follow semantic markup and accessibility guidelines drafted by W3C. Please follow those when you code. Document should follow the same (Recommended HTML5 Outlining Algorithm) when outlined.
2. Add some basic media queries for mobile/tablet viewports. No different styles or look and feel required. Only a container resizing is sufficient. This should be a startup for the comprehensive mobile/tablet development.
3. Use the logo image as a base64 converted object. Use a gulp plugin to do this when build the files.
4. Use SASS mixins to create the flex grids in a semantic way. Please don’t use default grid classes coming with Foundation.

Expected time to complete this project is: 3 to 3.5 hours.