



# Specialization Course Entry Assessment

## Introduction

Thanks for applying for a specialization course with Interface School! To ensure you have the necessary core skills to be successful in this course, we have a challenge for you: You must implement a simple web site according to the specifications in this document. This assessment simply covers core HTML, CSS, and javascript/jQuery skills. All features described are mandatory unless labeled **IMPRESS ME**.

## Materials

Along with this document you will find some support materials for this site:

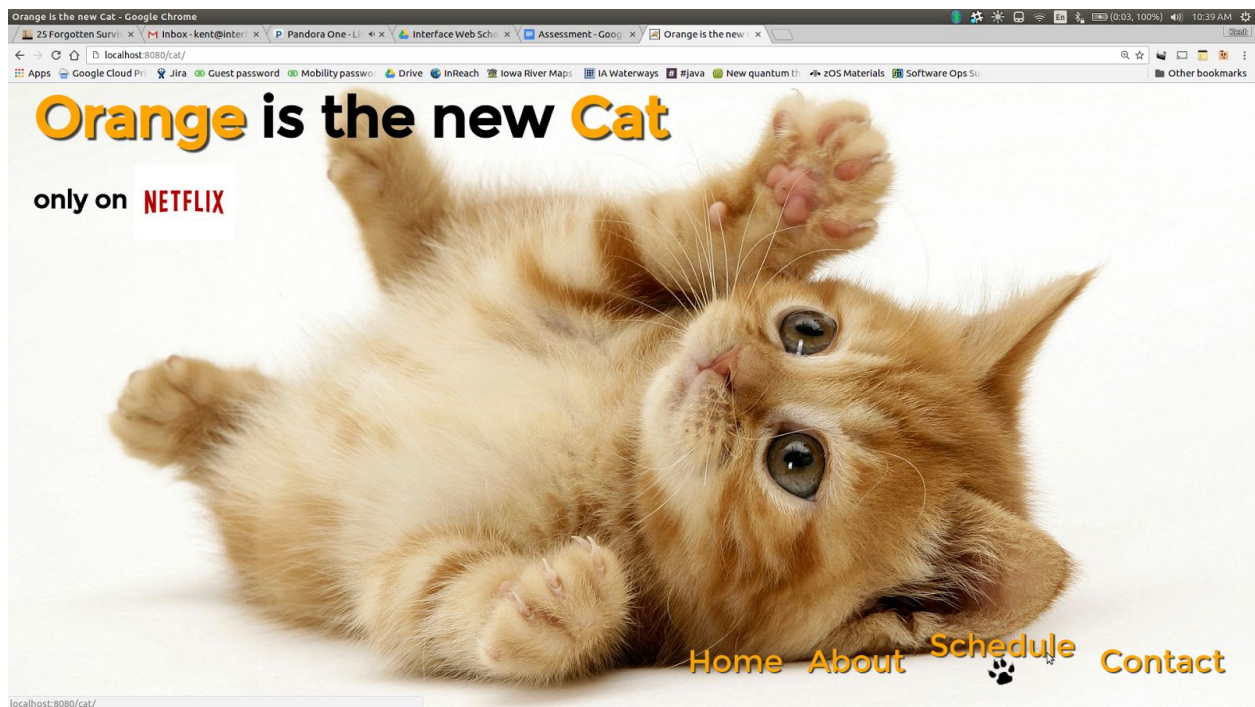
- images.zip: Contains the images you'll need for the sample site.
- screenshot.jpg Screenshot of the site.
- assessment.webm: A screen recording movie of the site in action.

You'll need to create the HTML, CSS, and JavaScript to implement this site.

## Code Organization

Create your code in a project folder with your name. For example: "Firstname Lastname Assessment". Name your HTML file "**index.html**", your CSS file "**standard.css**" and put it in a "**css**" folder, and your JavaScript file "**orange.js**" and put it in a "**js**" folder. Place all these files in your project folder. In this project folder, also create a folder "**images**" and place all the images from the images.zip file there. Include jQuery either through CDN or by downloading it.

## The Site



This is a responsive site, as the video shows. The fonts and images all scale based on the screen size, to remain in constant proportion.

## Fonts

- The default font used is the Google font "**Montserrat**".
- The base font size is 4% of the window height.
- The title text "Orange is the new Cat" is 2.25 times the base font size.
- The subtext "only on" is the base font size.
- Scale the NETFLIX logo image so that the size of the text in the image is about the same size as the "only on" text.
- The site navigation text font is 1.25 times the base font size.
- The text "Orange" and "Cat" in the title have a drop shadow. Try to emulate what you see in the screenshot for the details of this drop shadow.
- The navigation text also has a drop shadow. Try to emulate what you see in the screenshot for the details of this drop shadow.
- All text that is not "black" is "orange".

## Navigation

**IMPRESS ME:** When the user hovers over each navigation element, that element should shift up half the font size.

**IMPRESS ME:** Additionally, a hidden paw print becomes visible and moves to be under the center of the hovered navigation element. The paw print size is 4% of the window height. Note that when not hovering over an element the paw print is hidden again.

When you click on the "Schedule" navigation element, the show schedule popup should be displayed by fading it into view. It should be centered on the screen both horizontally and vertically, and it's maximum width is 60% of the window width, and the maximum height is 60% of the window height. Note that this popup is semi-transparent with an 80% opaque black background. The popup has a close button (the "**close.png**" image) which should have a height of 4% the window height, and is offset from the top-right corner of the popup by half it's width and height. Clicking on the close icon fades out the popup.

## Final Thoughts

Don't get help from anyone directly for this assessment, but Google is your friend! If you get stuck on something, just do the best you can. This isn't a really test, it's an assessment of what you already know and what you might need a bit of reinforcement on. This helps the instructors know what to cover in the first week of class. However, if you can't get the assessment site finished (without the IMPRESS ME bits at least) then you aren't yet ready for this course. Your site doesn't have to be exactly as mine shows, but it should be very close.

As you develop your sample site, you'll have questions that are not specifically addressed in these instructions. Look at the screenshot and video and try to emulate what you see. This assessment should take a good day for you to complete, maybe most of an entire weekend.

When you've finished your assessment site, put it on Github into an individual project repository. You'll need to link to it when you submit the remainder of this assessment.