

Front End Code Challenge Overview

You've been tasked by the Federation to create a webpage with menu items that are translated into Klingon. Using one of the popular front end frameworks (Backbone, Angular, React, Ember), create a single web page from the attached PSD using HTML, CSS, and JavaScript.

Deliverables

All files used should be enclosed in zip file so they can be extracted and viewed locally on any web browser.

Requirements

- Using the attached data.txt file, create a navigation menu.
- All navigation menu items should be translated into Klingon, which for our purposes, is similar to pig latin in that instead of words ending in '-ay', they end in '-or'. For example, 'the weather is nice' would return 'he-tor eather-wor is-sor ice-nor', with or without dashes.
- All text not in the navigation should remain in English.
- Only necessary framework-based libraries should be used. No third-party JS plugins or libraries.
- At full desktop size, the web page should match the PSD as precisely as possible.
- The max content width is defined by the PSD. When over max width the content should be centered in the browser. (Hero images may still extend to full viewport width.)
- The navigation should use conventional styles for small screens when the site collapses responsively.
- Some suggestions for interactive hover states exist in the PSD layers.

Evaluation

The page should demonstrate your best skills and creativity in the following areas:

- **Framework Knowledge:** The JS should reflect the breadth of your understanding of the chosen JS framework and its best practices.
- **Responsive Design:** The page should be fluidly responsive using a responsive framework of your choosing. Add screen size breakpoints at your discretion. Use best judgement for order and placement of page elements when site collapses.
- **Interactive Experience:** The UI should provide an interactive experience, utilizing CSS transitions/animations and JavaScript interactions at your discretion. Ensure interactions gracefully degrade on touch devices.
- **Parallax Scrolling:** Add parallax scrolling to enhance the page.