# Front End Dev Test Instructions

## Overview

## You will be consuming the Star Wars API to show some items in a list. The list will be sortable, and will be searchable. Your work will be done in a CodePen and will be limited to 3 hours. We are looking to evaluate your front-end dev skills in HTML, CSS, and JS.

### What we are looking for:

* Attention to detail
* Approaches to pulling data from the API via JavaScript
* Approach to rendering the results and different states
* Well-crafted HTML
* Re-usable CSS and JavaScript
* Approach to using libraries/utilities as an assistive tool
* Responsiveness (smartphone portrait/320px and up)
* Adding your own touch through animations and transitions

### What we are not looking for:

* Browser testing (we'll be reviewing in Chrome only)
* Completing some of everything with nothing 100% done
* Perfection

## Instructions

* Login or create a free CodePen account at <https://codepen.io/>
  + Create a new CodePen for the exercise
  + Can use any JavaScript preprocessor available in CodePen
  + Can use any JavaScript library available in CodePen or add any external resource
  + Can use any CSS preprocessor available in CodePen
  + Can use any CSS libraries available in CodePen or add any external resource
  + Can use any HTML preprocessor available in CodePen
  + Include the Font Awesome icon font in your CodePen (<https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css>)
  + Include the Titillium Web font from Google Fonts (<https://fonts.googleapis.com/css?family=Titillium+Web:200,600>)
  + Email the CodePen link to [zwinnie@mercurynewmedia.com](mailto:zwinnie@mercurynewmedia.com) letting us know you're starting the test
  + Take the test following the functionality/acceptance criteria below
  + The test is limited to 3 hours
  + Email Mercury again when 3 hours is complete
  + Do not edit your CodePen past 3 hours

## Functionality/Acceptance Criteria

* Show the first 10 people from <http://swapi.co/api/people/>
  + These people should include:
    - Luke Skywalker
    - C-3PO
    - R2-D2
    - Darth Vader
    - Leia Organa
    - Owen Lars
    - Beru Whitesun lars
    - R5-D4
    - Biggs Darklighter
    - Obi-wan Kenobi
  + Each person should show:
    - Name
    - Height
    - Mass
    - Gender
    - Species
      * If a droid, show the Font Awesome Android icon
      * If a human, show the Font Awesome user circle icon
      * If any other species, show the Font Awesome question mark
* Show error state if the API is down
  + Show the Font Awesome exclamation circle icon
* Search (by name) and show the first results page from https://swapi.co/api/people/?search=. Example query would be https://swapi.co/api/people/?search=luke, which returns 1 result (Luke Skywalker)
  + Show the loading state while the request is processing
    - Show the Font Awesome spinner icon
  + The search results list should look like the default 10 people shown
  + Display the current search query in the search input
  + Searching should clear the sorting selection
  + Clearing the search input should show the first 10 people again
* Show empty state if there's no results from the search API
  + Show the Font Awesome warning icon
* Sort the order of the results currently shown by name (A to Z, or Z to A)
  + The first option value should be empty, and if chosen, clear sorting back to no sort
  + Searching should clear the sorting selection

### Extra Credit

* Pagination for the basic list
* Pagination for search results
* Show the number of results (i.e., 10 of 87)