# React Native Dev Test Instructions

## Overview

## You will be consuming the Star Wars API to show some items in a list. Your work will be limited to 4 hours. We are looking to evaluate your React and React Native dev skills. It is not expected to have the exercise 100% completed – we are looking for

### What we are looking for:

* Attention to detail
* Approaches to pulling data from the API
* Approach to rendering the results and different states
* Well-crafted React, React Native, Redux, etc.
* Re-usable components and functions
* Approach to using libraries/utilities as an assistive tool
* Adding your own touch through animations and transitions

### What we are not looking for:

* Device testing (running and working via iOS & Android emulators is sufficient)
* Completing some of everything with nothing 100% done
* Perfection

## Instructions

* Login or create a free GitHub account at <https://github.com>
  + Create a new repo for the exercise
  + You can use any IDE/code editor you are comfortable working with
  + You can use any Git clients or command line you are comfortable with
  + You can use any free resources or open source npm packages
  + Be sure to include [Font Awesome](https://fontawesome.com/v4.7.0/) icons and [Titillium Web](https://fonts.google.com/specimen/Titillium+Web) text font in your project (npm packages, images, SVG files, font installation, or any other means is fine – font files are included with the ZIP)
  + Be sure that the code you push to the repo should be cloned and run with minimal/no effort (include a README.md with any instructions to run the project, if needed)
  + Email the repo 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 (be sure to review and use the reference PDF/PSD mockup files included in the ZIP as well)
  + The test is limited to 4 hours
  + Push your changes to the repo at the 4 hour mark, and email Mercury again when 4 hours is complete letting us know you’re done
  + Do not edit your repo past 4 hours (there’s no extra credit for spending more time)

## 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)