

# 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](#) icons and [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)