# ALS Hiring

### Full Stack Developer Exercise

The purpose of this exercise is to evaluate your skill to consume a public API, your ability to build a React component with Javascript, and, potentially, how you learn something new. We’ll evaluate the quality, output, and readability of your code and documentation.

We recommend submitting your code by way of a personal GitHub repository. Directly submitting code files is also acceptable.

Please draft documentation describing how we can review your submission. Be sure to include steps like installing dependencies or other “pre-flight” configurations necessary for your code to run.

## Exercises

1. The endpoint here produces fake user data in a JSON format:

[**http://faker.hook.io/?property=helpers.userCard&locale=en\_US**](http://faker.hook.io/?property=helpers.userCard&locale=en_US)

In your preferred programming language, write a function that retrieves 25 “user cards” from this endpoint, puts them in an array, and outputs the result to console or client.

1. The exercise below relies on React.js, but we’ve tried to design an exercise that can be completed without a deep understanding of how React works. Part of the evaluation is how you can learn something new, if that’s necessary.

Before you begin, please indicate your current familiarity with React.js:

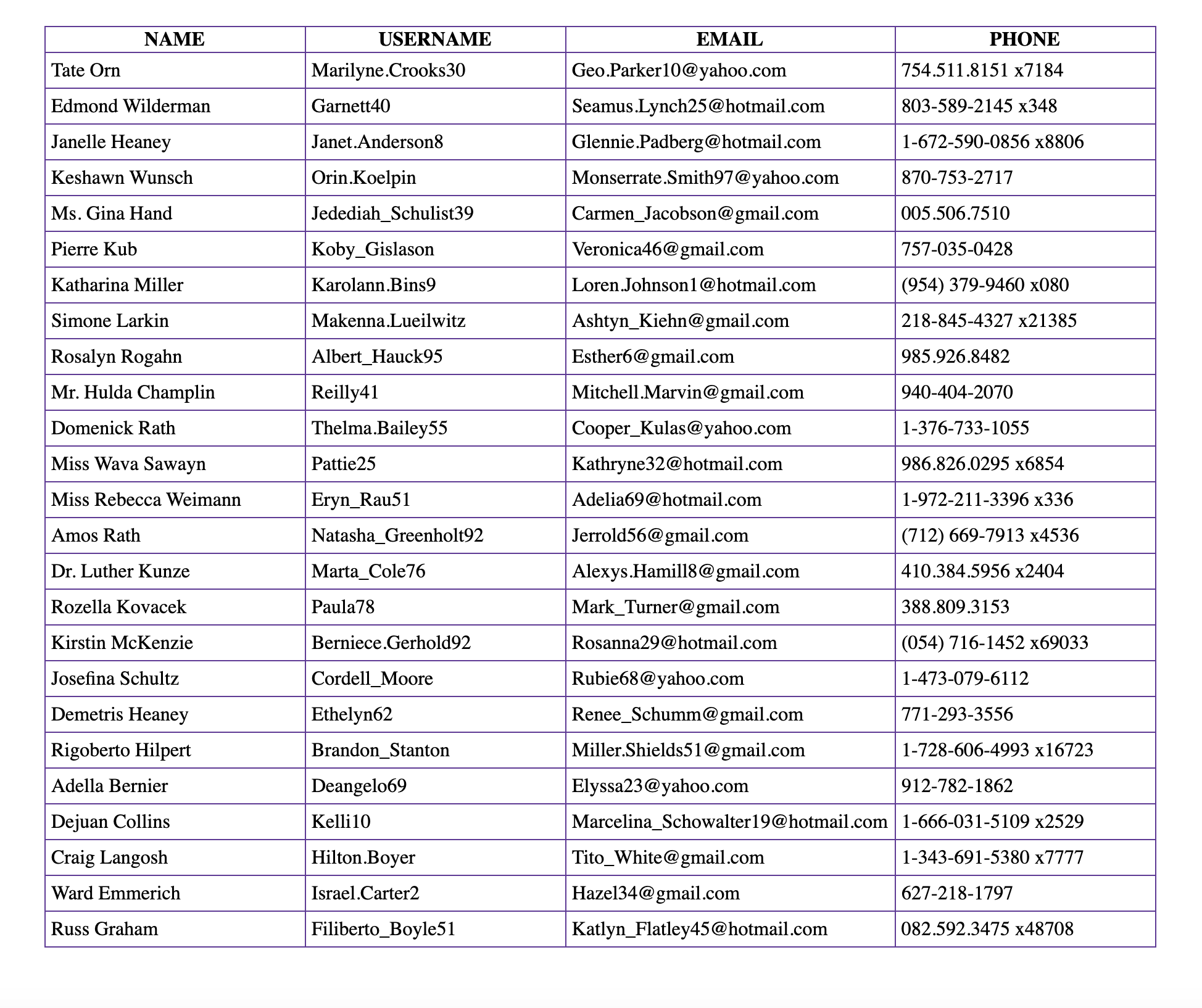
1. Zero experience with React
2. Less than 1 year experience with React
3. 1-2 years experience with React
4. More than 2 years experience with React

Again, it’s OK if you have not worked in React before. Learning as you go is a common feature of this job. If you are unfamiliar with React, please refer to [this document](https://reactjs.org/docs/components-and-props.html) for help understanding “components” and “props” in particular.

1. In the GitHub repository below, index.html is a simple, single-page React.js app:

[**https://github.com/annelewisllc/full-stack-dev-exercise**](https://github.com/annelewisllc/full-stack-dev-exercise)

The app reads in a JSON file of “user cards.” The goal is to extract information for each user from this JSON and display the information in an HTML table as shown below.



Your task is to clone this repo and complete the Body component to display the data in the table body. Most of the React code is already written for you.