Technical Assignment

Timeframe

The assignment should take around 4 hours. You're welcome to take as much time as you want, but don't feel obliged to finish it if you're not able to complete it within the timeframe.

Approach

The aim of this assignment is to evaluate the basic technical competence you'll require for this position.

You can use any back-end implementation of this assignment. For the front-end implementation you need to use either **React**. You'll need to complete the tasks in sequential order. If you are stuck or are taking too much time, use your discretion to implement what is important to the task at hand, and implement the basics of the previous task to become unstuck.

Your work **must be your own**, and should be completed unassisted. Feel free, though, to search the internet to look up any content.

Communicate your thinking as much as possible. Add a README to communicate any relevant notes, for example, any extra thoughts on the tasks, how you structured your submissions or how to run your solutions.

Tasks

The following exercise involves creating a new SPA (single-page app) in order to implement the provided UI designs and functional requirements.
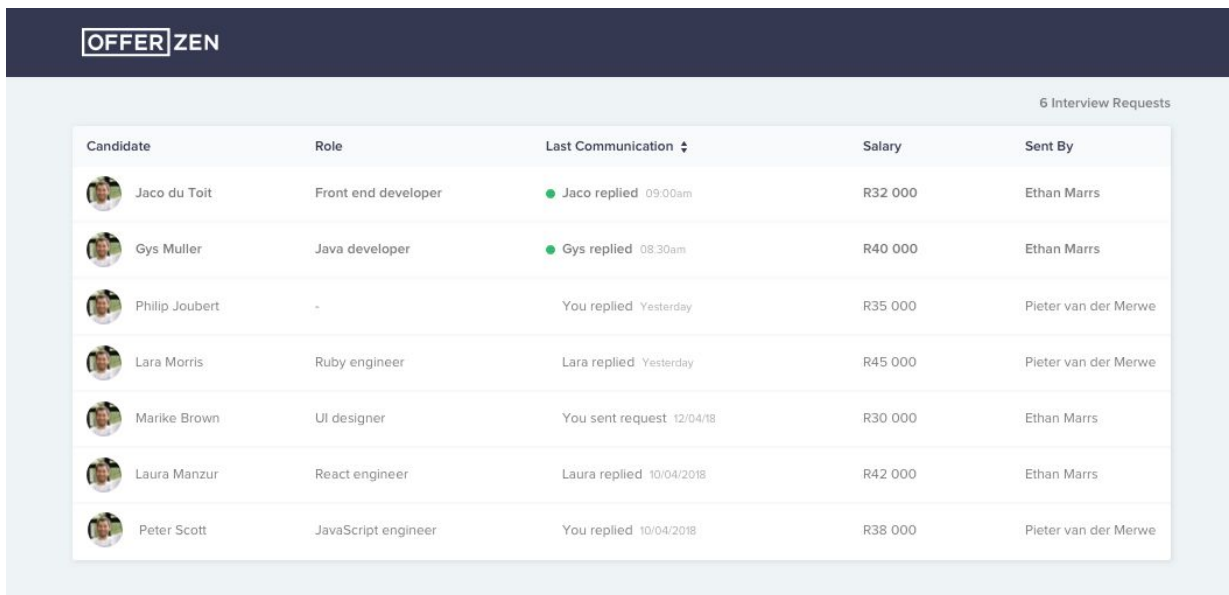
Useful information

Files
- *design.zip* - contains the design files
- *interviews.json* - JSON blob containing the interviews data

SPA Frameworks

- https://reactjs.org/
- https://angular.io/
- https://vuejs.org/

Task A: Data Rendering

- Create a SPA (single-page app) using any framework.
- Implement the UI design as shown in Figure 1.
- Use the data from the *interviews.json* file to render the view.

Figure 1

Task B: Searching

- Add a filter bar as shown in Figure 2.
- The **search** filter should allow you to search by candidate name

Figure 2

Task C: Archiving

- Add a column for the actions as shown in Figure 3.
- **Archiving/unarchiving** an interview request should update the hidden/shown state
- Toggling the **Show archived** checkbox should show/hide archived interviews

Figure 3

Task D: Questions

- How long did this assignment take you and where did you spend your time?
- What would you do differently or improve in your solution?