

React Native Mobile Engineer Recruitment Test

First of all, I would like to thank to you for choosing VCG as your next company to land.

In this stage, you have to build a simple app and must to meet all requirements below. Please read all requirements carefully and try to give your best shot here.

Objective

Create a Pokédex Application that consist of two pages: **Pokémon List** and **Detail Pokémon**.

1. Pokémon List Page

- it has list of Pokémon
- it can be searched by its name
- contain infinity scroll
- it has 2 column for each row
- get 8 Pokémon every fetch new page

2. Detail Pokémon Page

- it has information sprites front, back & shiny
- it has information height & weight
- it has information types
- it has information chain evolve
- it has information move max 10

Additional Requirement

- You must use React Native
- You must use typescript
- You must obtain data from <https://pokeapi.co/docs/v2> using API call
- You must NOT use utility library such as lodash, ramda, etc,
- You must create one reusable custom hooks
- You must use a navigation library
- You must use recoil as state management library
- You must minimized render times
- You must add unit test for component and function

Your App Will Be Rejected If

- Your app crash when explored
- Your app didn't have Pokémon List page
- Your app didn't have Detail Pokémon page with correct requirement
- Search not working
- You are violating any requirements stated above

Our Assessment Criteria

- App functionalities
- React Hooks
- Code simplicity and cleanliness
- Component modularization
- Git commit message
- Performance approaches

Bonus Point

- Import optimization

Please push the source code into your repository so we can review your codes. Good Luck!!!