

# React/React Native Test Task

Build a simple React-Redux application which displays images from cat API.

Here's the API

<https://docs.thecatapi.com/api-reference/images/images-search>

Example URL to fetch 10 cats with category hats:

[https://api.thecatapi.com/v1/images/search?limit=10&category\\_ids=1](https://api.thecatapi.com/v1/images/search?limit=10&category_ids=1)

Example URL to fetch the categories:

<https://api.thecatapi.com/v1/categories>

The page is a simple app that loads a sidebar (drawer for react-native) of all categories and displays 10 cat images in the main display.

- All the categories are clickable - you can click on them and choose a different category
- There is a button to load more cat images at the bottom, which will load 10 more cat images.
- The app must be built with react-redux.
- The logic of react-redux should be unit-tested.
- All the UIs and Components should be tested as well.
- Don't use any premade UI kit lib, write all styles purely, (StyledComponents library is highly recommended)
- Aesthetics and clean code are important when building this small prototype.

Here's what we will be evaluating when we will review the solution:

- Follows the requirements - app does what is required
- Clean code - there is no dead/commented out code, code is easy to read and understand, well structured
- JS - code is tested, state handled in redux, follows common conventions
- UI - looks nice and is responsive
- Use the latest version of whatever packages you are using.
- You'll get extra points by using React router with lazy loading (React navigation for react native) and Typescript.
- React Native: The application should have an instruction to instruct us what to do for run the app as a developer on an Emulator or Device as well as documentation over how to generate application bundle files for both Android and IOS.

Upload the code to git and send the link to us. Also, please attach a short video/gif of the application in action.

You have 3 days to complete the test, but it should take only a few hours for an experienced dev. Godspeed!