

Front End Developer - At home test

Objective

This technical test is designed to replicate a realistic work scenario. It's a chance for you to demonstrate your development talents. The idea is you should be able to complete this within an hour or so. We are not testing how much time you can put in so do not feel pressurised to provide a "complete" production solution.

If you have any questions, please email them to m.johnson@systemloco.com, just like in a real environment, asking questions is encouraged.

Although this is a contrived and time restricted task please treat this as you would for a production system. If you would do something for a production system please include examples of such things.

You can see examples of some of our platform designs here -

<https://www.figma.com/design/ZI9psxbvmVJrwUcJdMlgyT/Frontend-Design?node-id=0-1&t=xwlKIm0bTVKNzVer-1>.

WE DO NOT EXPECT A COMPLETE SOLUTION MATCHING THE DESIGN

Task

Create an application using React (any modern version) that contains two pages.

Device List

Shows a list of devices to the user that is retrieved from a REST API. A user can select a device from the list and see additional information on the second page.

API - <https://pzv500llz9.execute-api.eu-west-2.amazonaws.com/production/listDevices>

Device Detail

Show the user details about the selected device. The device information is retrieved from the second REST API.

API - <https://pzv500llz9.execute-api.eu-west-2.amazonaws.com/production/device/{DeviceID}>.

e.g. <https://pzv500llz9.execute-api.eu-west-2.amazonaws.com/production/device/72308628872413411>

Notes:

- The API returns only a few items but we have millions of devices
- The APIs in this test do not require authentication but in our production system they obviously do

Deliverable

Please email a copy of the project source code and any build instructions to m.johnson@systemloco.com or provide a link to a github repository.