

Phone Catalog App

Your task is to write a very simple product catalog app.

Exercise 1. Write a simple REST API in whatever language you're most comfortable (NodeJS, Rails, Java...) that...

- * has 1 endpoint /phones
- * returns a couple of mobile phones like iPhone 7, Samsung Galaxy S7 etc. with some simple attributes like product image (just take some off of google images), title, description, color, price etc.
- * The data can all be mocked, no need for a persistence layer^{[1][2][SEP]}

Exercise 2. Write a React app that displays the phones from the API

- * Use redux for state management
- * Axios(or similar library) for fetching data from the API
- * Create a `PhoneListContainer` component that shows the phones
- * Create a `PhoneDetailComponent` that shows a few more details about the phone when the user selects it
- * Display a spinner or placeholder component while the API request is ongoing
- * Make it look decent. No need for super sophisticated design, but at a minimum, make it somewhat responsive so that it doesn't look terrible on a mobile phone.

3. Push the code to a public github repo with a README.md that explains how to run A **Exercise 1**.PI & Frontend app

Bonus Points

- Dockerizing the app.
- Realistic unit/end-to-end tests.