

React / Node.js Exercise

Backend

Create a Node.JS backend with a single endpoint that calls our charity search API, given the following environment variables (Use dotenv library so secrets are not included in the repository):

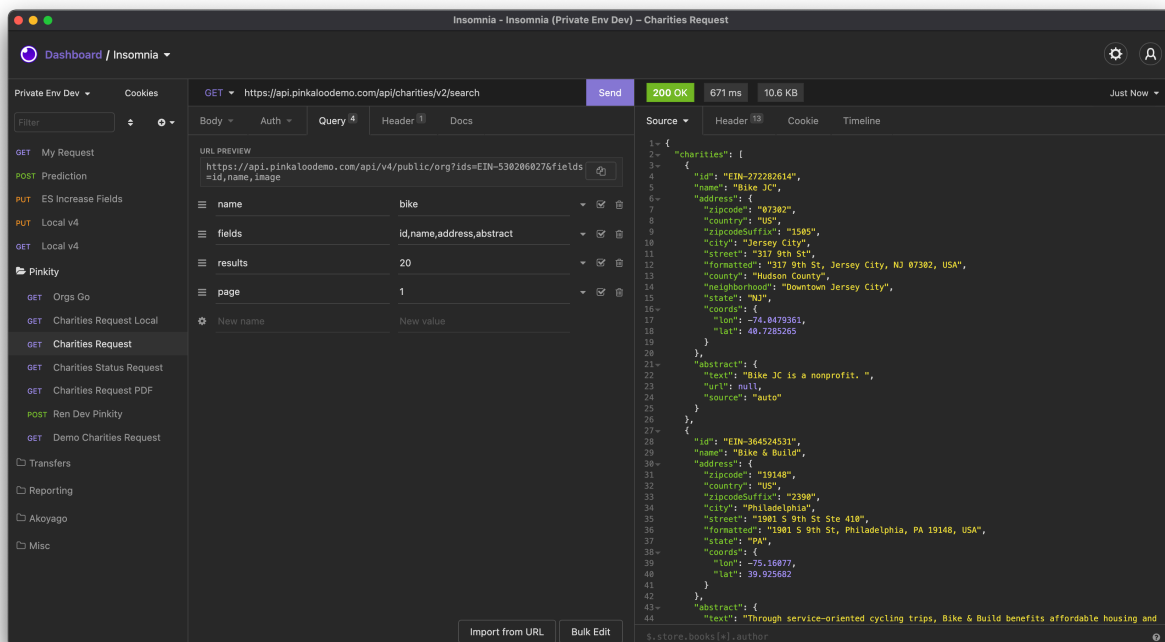
API_URL=https://api.pinkaloodemo.com/api/charities/v2

API_KEY=SDRFB80-CNB4Y80-HN923GK-S8CCEBC

API_KEY should be passed as the X-API-Key header when performing a request to the charities API.

Create a public search endpoint on the backend that performs a request to ``${ API_URL }/search``, passing along the request query parameters.

The `“fields”` query parameter should default to `“id,name,address,abstract”` if not provided, the `“results”` query parameter should default to `20` if not provided and the `“page”` query parameter should default to `1` if not provided.



Frontend

Create a UI that allows the end user to search by the `“name”` parameter and displays the resulting data in a paginated list. Using a combination of `“num_charities”` (total results for the query) from the response and the `“results”` parameter passed to the API determine the number of pages and allow the user to navigate pages (by passing the corresponding `“page”` parameter back to the API on navigation)