Dogs Web API Code Test

The Scenario

You are a freelance web developer. A client brings you a list of dogs (use the dogs.json file associated with this test), and wants you to make the list viewable, and editable, via the internet.

Freedoms

* Your dog list interface can be exposed however you like; GUI, raw data endpoints, anything is fine, as long as it is served over HTTP in a browser.
* You can use any programming language, frameworks, methodologies, patterns, etc.
* You can take as long as you like.
* You can add as many features as you want, or just do the bare minimum, it is up to you.

Restrictions

* You must not spend any money on this test, free services are available.
* The code for your solution must be hosted in a public repo on Github.

Requirements

* The interface to the running application must be publicly accessible via the internet.
* The interface must allow a user to create, read, update, and delete dogs.
* Interactions with the list must persist, i.e. if I delete the Pug breed, close my browser, then reopen my browser, and view the list, the Pug breed must not be present.

Deliverables

* A public github repository with all of your source code (a link to it). The repo should include a README that details how to use / run / interact with the solution.
* A link to your public dogs web api hosted online.
* The above two links should be sent in an email to [RND@hutchison-t.com](mailto:RND@hutchison-t.com), feel free to include a message reflecting on the test however you like (criticisms, reflection, etc,).

Hints

* If your solution has no GUI, think about how the user will learn how to use it.
* A typical solution will take about a week to build, assuming you fit the test around other daily commitments. If you find yourself taking longer, consider fewer additional features.
* Include in your repo all build / deploy scripts, we are interested in your *whole* solution.