

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 are welcome to include additional features or improvements beyond the core requirements to showcase your development skills and creativity.

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.
- A typical submission will take up-to a maximum of 2 weeks, assuming you fit the test around other daily commitments. If you find yourself taking longer, consider fewer additional features.
- Please refrain from using full-featured AI code generation tools for this submission. This assessment is designed to evaluate your individual skills and problem-solving abilities, not the output of an AI agent.

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 link to a public github repository with all of your source code. The repo should include a README that details how to use, run and interact with the solution.
- A link to your solution hosted publicly online.
- The above two links should be sent in an email to 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.
- Include in your repo all build / deploy scripts, we are interested in your *whole* solution.