

CODE CHALLENGE

Reviewer

Alex Torres / Javier Toro

Instructions

1. Take the assignment, and developed according to its instructions. Consider the use of the following languages: Python, Go or JS (NodeJS for the backend).
2. The code should be pushed to your own GitHub repository. Once you've done it, you should send the repository link to javier@4id.cl and alex@4id.science

Challenge

The company ACME, requires an authentication system that allow their users to sign-in and sign-out. The frontend team already built the UX, and the frontend is already completed. However, there's a need to develop an **authentication service** with two API(s) that can fulfill the required flow. The API(s) that are required are:

1. SignIn API.
2. SignOut API.

The design of these API(s) and the underlaying (micro) service is up to you, the software engineer in charge of this task.

Product/Story considerations

- The input parameters are *user* and *password* for the SignIn API.
- The input parameters are *user* for the SignOut API.

CICD

It isn't required, however, developing a basic CI workflow (in GitHub actions) is considered a plus.

Quality and other considerations.

- You build it, you own it. Therefore, it's required that your API(s) are minimally "observables", which means, there's a leasts enough —and meaningful— logs to support a basic troubleshooting.
- A proper *readme.md* is mandatory. It should includes the basic instructions to run your service.