Task for Software Engineer

Goal of this test is to assess **how** you work on a problem. Please take your time and work as if you were doing this as part of your normal job.

Task

Create a small REST API having several endpoints:

1. /token - an endpoint that will be used to create an authorisation token using email and password.

2. /entities - an endpoint having CRUD functionality (use any entity structure you like).

3. /account - an endpoint returning account information identified by authorisation token.

Use any language and framework that you think better fits the task.

Questions

1. Please explain your choice of technologies.

2. What is the difference between PUT and POST methods?

3. What approaches would you apply to make your API responding fast?

4. How would you monitor your API?

5. Which endpoints from the task could by publically cached?

Result

Publish the result of your work to a public Github repository with README file containing instructions of how to run the project. We will kindly ask you to erase your Github project after the interview process is over.

... Have fun and good luck! ☺