Backend: A countable service

Introduction
When interviewing a technical-minded candidate and potential future colleague of ours, we believe that an interview based on a handed-out task is often more open, more relevant and more interesting for both parties.

It is important to emphasize that the task at hand should not be interpreted as having a right or wrong answer, but merely acts as a basis for a discussion and a way for us to get a glimpse of how you as a candidate choose to go about it. It is not a requirement to implement all parts of the specified tasks - use it as a guidance and implement the solution the way you feel is right.

Task
For the upcoming interview, we would like to see the following elements come into play:

1. One microservice acting as a restful HTTP server enabling the calling user to:
   a. Increment a countable resource
   b. Decrement a countable resource
   c. Retrieve the current count of a countable resource
2. One microservice containing all the business logic. Thus, this microservice must communicate with the HTTP serving microservice, in order for the latter to fulfill its requirements toward the user.

You can choose whatever programming language you want. At LUNAR we write our services primarily in Go.

Handing in
Hand in your assignment by mailing it to Louise Bjerregaard Andersen, lan@lunar.app so that we have it in our inbox at 12.00 the day before your interview.

Presentation
At the interview, you will be asked to present what you have handed in and we will talk from there.