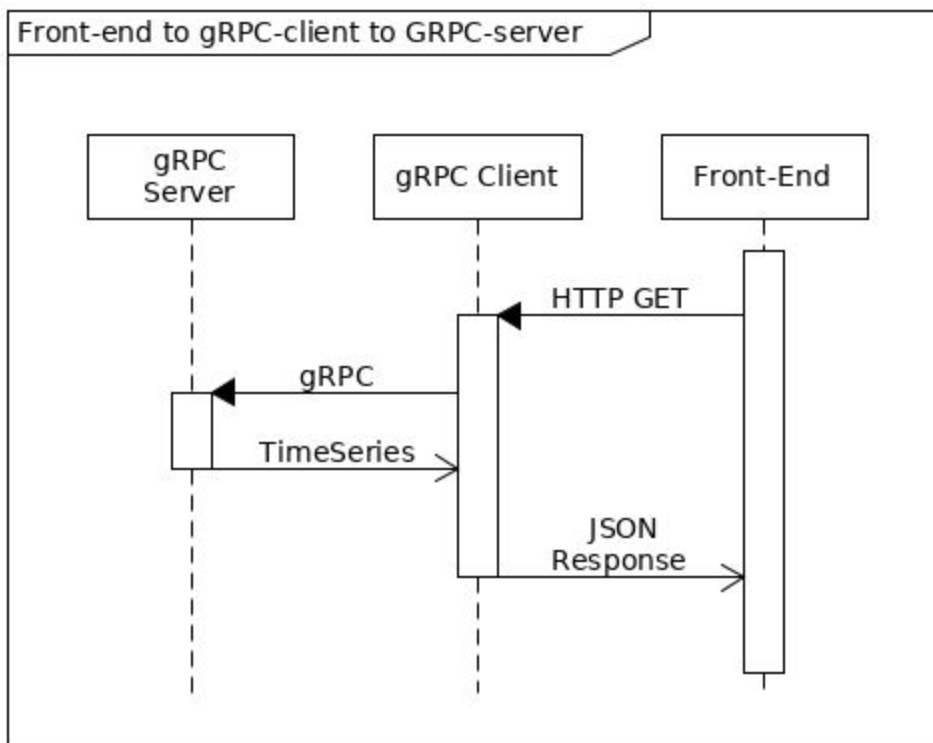# Tech task

Maksim Kudimov, 14/10/2019

PART 1

Language-independent gRPC-based microservice:

Create a gRPC server (in your preferred language) that serves the time based electricity consumption data found in meterusage.csv

Using whatever tool you prefer create an http server, that will request the data from the gRPC server and deliver the consumption data as JSON.

Create a single page html document that requests the JSON from the http server and displays it.

Please supply a link to your work in a public repository and a short README with a description of what you did.

PART 2

Build a CI/CD configuration for gitlab-ci or jenkins or any CI of your choice to automatically build the microservice you produced in part 1 and wrap it in a Docker image.

PART 3

Build a Helm chart to deploy your microservice docker container to Kubernetes. Make sure to include configurable values for endpoints, ingress host, etc.