### **Purpose**

Assess candidate code style and check basic Spring skill.

### **Short description**

Design and implement REST interface to consume data-snapshots from one client, validate and persist data in storage, distribute persisted data to other clients via REST interface.

### **Requirements details**

Languages, tools and frameworks to be used: Java 8+, Maven/Gradle, Spring Boot, any DB (eg H2, postgres).

Use of other framework/libraries at the discretion of the developer.

### **Scenarios to be implemented**

1. As client I want to upload plain text file with comma-separated data via HTTP request
   1. First line of file will contain header: PRIMARY\_KEY,NAME,DESCRIPTION,UPDATED\_TIMESTAMP
   2. Last line of file always to be empty
   3. All other lines will contain four values what represents single record to be persisted
2. As client I want access data persisted via HTTP request
   1. Values of single record to be provided for PRIMARY\_KEY supplied via request URL
   2. Paginated list of records at specific time period
3. As service owner I want to remove record from storage via HTTP request by single PRIMARY\_KEY for reconciliation purpose
4. As service owner I want prevent persistence of all records from client-file what contains invalid rows

### **How to share your work**

Please, create a git repository using free online service (GitHub, Bitbucket, etc.). This repository should contain all source files and maven/gradle build script.

### **Planned efforts**

2h-3h