

Vacation Tracker - Technical Assignment

The two main functionalities of the application are:

- import of employee profiles and data on their vacations
- search of vacation data by employees

Each functionality of the application should be wrapped into a separate microservice and dockerized.

Data Import (Admin) Microservice

Use Java, Spring Boot and Postgres database to build REST service with the following features.

- Admin can import employee profiles (sample file will be provided).
- Admin can import a total number of vacation days per employee per year (sample files will be provided).
- Admin can import records of used vacation days per employee (sample file will be provided).

All previous REST endpoints should be API key protected.

Data Search (Employee) Microservice

Use Java, Spring Boot and Postgres database to build REST service with the following features.

- Employees can search/see the number of total, used and available vacation days per year.
- Employees can search/list records of used vacation days for a specified time period (specified from and to dates).
- Employees can add a new record of used vacation days.

All previous access points should be protected by basic authentication.

Remark

Please write detailed instructions for starting the project along with the task, because we do not review tasks without instructions. Thanks.