

# 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 kotlin 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 kotlin, 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.