

## Reference case

### U-count

U-count is an online platform for detecting and (partially) resolving burn-out of employees. An employer can buy licenses for the platform for his employees. By means of a license, an employee gets access to a number of modules, which are a combination of: **surveys to identify the risk of burn-out.**

Survey modules are used to measure burn-out, indicated as a battery level. This forecast must be based on a scoring algorithm. Each step of a module can contain text, video, images, audio and URL's. A question can be different types:

- Yes/No, Likert scale, free text or multiple choice.
- Interactive Manuals that help the employee to adjust work behavior in order to reduce risks.

The platform is on the one hand a reporting tool: where both employees and employer can be reported. On the other hand, it should give us, as a product-owner insights into the use of the user in order to improve the platform.



Security is very important within the platform, as it contains sensitive information about employees.

## What we did

**Lean (and kiss):** given the limited time and budget, only what is strictly necessary to make a Minimal Valuable Product.

**DDD:** More specifically ubiquitous language first. The language used for the software is also the language used by the experts and product owners when talking about the product.

**Event sourcing:** everything that happens in the platform is data that needs to be captured.

### Used technologies:

- Java 8
- Thymeleaf
- Docker
- Attune

# SLINGSHOT



- Kubernetes
- Git
- Jira
- Gradle
- Microservices architecture