

Week 2 – Roles and Technologies

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admin

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For this weeks Developer Post we'd like to give a brief overview of our technologies and role allocation.

We decided to divide our roles the following way:

Alexandra

- **Use-Case Manager:** Describe and phrase the features / design of the website with the team
- **PO / Scrum Master:** Phrase acceptance criteria of the features + Coordinate sprints + Manage YouTrack + Assign Tags

Jeanne

- **Backend:** Create database structure, logic, and interfaces (API)
- **Testing Manager:** Test the interfaces (APIs) between Frontend, Backend and Database and the functionality of the Frontend

Nico

- **Deployment:** Host domain and integrate CI (and Docker)

- **Frontend:** Implement the design described in the Use-Cases + Webtests

These roles can now be transcribed into the **IBM Rational Unified Process (RUP)**

Role	Assigned	Previous Role
Requirements Specifier	Alexandra	Use-Case Manager
Designer	Nico	Frontend
Implementer	Jeanne	Backend
Tester	Jeanne	Testing Manager
Deployer	Nico	Deployment
Project Manager	Alexandra	PO / Scrum Master

We decided to rotate by writing blog posts and reviews. We will try to do periodic some code reviews before a new feature is released. Everyone is supposed to get an insight into the work of the team and discussions should be stimulated if and how to implement something better.

In terms of technologies, we decided to go with the following:

Project Management	YouTrack / GitLab / Discord (for communication)
Backend	Database: SQLite or Postgres (production)/ H2 (local) Framework: Spring MVC, Spring Data JPA
Frontend	Vue.js
Testing	JUnit
Security	Basic Auth optional: OAuth 2.0

Known Issues

Missing SSL Certificate on our website (we are working on that issue :P)

Update

Our current issues are available in our agile board on Youtrack:

<https://nicoschinacher.myjetbrains.com/youtrack/agiles/>

We divided our issues in two types: a story (the same terminology as defined by scrum) and a task. We are using a story for our features that we want to implement because it can have many subtasks for categorizing them. For example, we want to implement the login and create a story for this. Then we are defining two subtasks that belong to the story: Frontend and Backend. Those can move separately through each state and have different assignees.

We are using a task for any other issue or exercise we have to do that is not a feature for our endproduct or a subtasks as part of a story.

Both, a story and a task, are categorized by a RUP workflow and a RUP phase. By clicking on the issue you can see the selected types on the right side.