

# Progress Report - **Project 23**

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- Week 02 -

## Progress

After the meeting with Timo last week, we sketched the first draft of the requirements, especially the must-haves, may-haves and must-not-haves. We refined the technology stack as well as we agreed to use Java for the backend, SQLite for the database system, Gradle for deployment and dependency management and Java Swing for the Admin GUI, also we will build the website using HTML, CSS, Javascript, JQuery and Bootstrap and we also decided to add third party libraries provided that they have permissive licenses (the client agreed to that, but he may review them on a case to case basis). Examples include SQLite and Tomcat (<http://tomcat.apache.org/>). Furthermore we established the rough project structure on our GitLab repository and divided responsibilities there as well as created corresponding GitLab issues. The purpose of this is to test whether or not the technology stack is sufficient as well as simplifying the creation of an UML diagram and sequence diagrams.

## Problems

There were misunderstandings during our first meeting that revealed themselves in the second meeting, for example we thought there was only one Admin per conference, which means the requirements also changed.

## Achievements

We created a first requirements draft and deployed the current technology stack.

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## Team Members

**All (together as team)** Reviewed the technology stack (1h), reviewed the login procedure for attendees (<https://gitlab.cs.uni-saarland.de/se/courses/se19/project23/blob/login/backend/src/main/java/login/package-info.java>, 30 min). We reviewed the requirements draft (30 min) and attended the meeting with the customer and tutor (1h).

**Giuliano Rasper** Participated in everything mentioned in the "All" section. Contributed to Jessicas work on the requirement draft (2h). Researched for technologies regarding communication between the project components as well as resulting license restrictions (2h). Created GitLab-Issues (30min).

**Jessica Werner** Participated in everything mentioned in the "All" section. Created Logs of Meetings with Timo (2h). Created the contract-style requirement draft (2h) and updated after Thursdays meeting (2h).

**Stephan Ariesanu** Participated in everything mentioned in the "All" section, divided the draft responsibility among the team members (30 min), drafted login process (30 min), deployed technologies to GitLab (30 min), helped creating paper draft for the Admin panel (1h)

**Muhammad Kamran** Participated in almost everything, discussed open issues with group members. Cleared concepts about requirements, technology stack and distributed tasks among each other (Approx. 1hr 30minutes). Apart from that created use case diagrams and use case draft (Approx. 2hrs). Studied different applications scenarios and use case diagrams in order to get an idea and help to create use case diagrams for our project (Approx. 2hr). created open issue on github (Approx. 1 minute).

**Alexander Dincher** Participated in everything mentioned in the "All" section. Researched and informed about Databases and the communication between the java backend and the DB (2h). Father created rough design of the DB, for example Relation for Login, Request Changes and so on (30 min). Created DB gitlab issues (1min). Started building framework to create, connect and communicate with DB (30min). Created paper with technology stack (30min).

**Simon Fedick** Participated in everything mentioned in the "All" section, created a list of all functionalities the admins need to have access to (30 min), created paper draft for the Admin panel (1h), researched technologies for the GUI framework Java Swing and tested the rough layout (2h)