

# Sprint Week Report

## Group Members

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## Objective

To build two separate Java applications: a Spring Boot API connected to a MySQL database, and a CLI application that consumes the API through HTTP requests.

## What Went Well

- Our team communicated effectively, and tasks were clearly and easily divided among members, which helped keep development organized.
- We collaborated well during problem-solving, working together to address challenges as they arose and ensuring progress stayed on track.
- Overall, teamwork throughout the sprint went smoothly, contributing to a productive and positive group experience.

## What Was Challenging

- Learning new concepts such as building an API and defining routes was challenging. It required extra research and experimentation to fully understand how to get everything working correctly.
- While I understand that real-world projects often involve some ambiguity, I found this assignment a bit challenging due to the limited guidance and the absence of a detailed rubric. That said, I appreciated the opportunity to apply my problem-solving skills and explore new technologies like Spring Boot, even though it was new to me. With a bit more structure or clarity on what was expected and how we would be evaluated, I believe the learning experience could have been even more focused and beneficial.
- Mocking external data and writing comprehensive test coverage for the CLI required trial and error. Another group member mentioned this as a challenge, and I found it to be a pinpoint for me as well.

## Areas for Improvement

- This sprint was a valuable learning experience that allowed me to strengthen both my technical skills and my ability to collaborate within a team. I gained hands-on experience working with new tools and concepts such as building a Spring Boot API, structuring routes, and integrating with a CLI application. Working alongside my teammates helped reinforce the importance of communication, shared responsibility, and collective problem-solving. Looking back, I see this sprint as a meaningful step in my growth as a developer, especially in adapting to new technologies.