

MUNI
FI

Soccer Manager

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Business logic

Soccer manager with special league.

Users can assign team and play the league with them.

User can hire and fire players.

Admin can CRUD teams, players and users.

Technology



Backend : Spring
boot (milestone 3)



Backend : Spring
(milestone 1 and 2)



Security : OAuth2
with JWT tokens



Frontend : React



Documentation :
OpenAPI 3.0
(Swagger)



Tests : JUnit5
and Mockito



Database :
Hibernate



Other: Maven,
Lombok, Mapstruct

Actual changes and fixes

Added service tests

Finish connection
between frontend and
backend

Make our project
compilable with mvn
clean install

Catching DataAccess
Exception and return
relevant codes(403...)

Rewrited project
documentation

Cleared pom.xml

.gitignore updated

Refactoring code

Team cooperation

Vitalii: Multimodule Maven, Security, Controllers

Petr B.: React, Additional tests for services, refactoring

Stas : UI, Rework service tests, connecting backend and frontend

Petr A.: Team leader, merge request, OpenAPI, Controllers,

All: Services, DTO, Facades, Entities, Project architecture (diagrams)

Our feedback

Pros

- Project with actual technologies
- Project with real assignment
- Lectures taught by experienced lecturer

Cons

- Time management of milestones (milestone 3 need more time)
- Frontend technologies need more time to learn
- Replacing Angular with React for project purposes

Additional Points

OpenAPI 3.0 implemented with authorization

OAuth2 implemented

Frontend in React

Application rewritten to Spring Boot