

**M U N I**  
F I

# **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...)

Rewrote 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