Sprint 5 (week 2.6)

Task / Issue	Assignee	Estimated effort	Actual Effort	Done	Notes
Finalize LA1: Architecture Design	All	4h	6h	☑	
Admins should be able to add/remove sport fields/halls	Panagiotis, Emil	1h	2h	☑	Some unexpected refactoring had to be done
Admins should be able to adjust the details of a sport field/hall	Panagiotis, Emil	1h	1.5h	☐	
Admins should be able to add/remove equipment	Panagiotis, Emil	1h	30min	☑	
Admins should be able to add/remove sports	Panagiotis, Emil	1h	2h	☑	The DB had to be fixed
Unit tests for validators (Chain of Responsibility)	Nadine	1h	5h	☑	
Spring security	Emma, Erwin	3h	10h	☐	Errors are taking a lot of time to figure out but getting closer
Tests for group controller	Erwin	1h	30min	☑	
Added tests for group services and group entity	Arslan	1h	2h	☑	Some entity methods don't work because of Spring annotations
Entity testing for the reservation, user, and sports facility	Arslan	2h	3h	☑	

Main problems encountered

Problem	Solution
1. Getting integration testing syntax to work, even after many hours of research	Trying different resources online, both YouTube videos and web articles, got source suggestion from TA Fabian
2. Making security work when using multiple services	Asking fellow students for suggestions, who work on security as well
3. Finding out how to use Jacoco in a multi module project	Try out various resources, ask course staff help/advice via Brightspace forum

Adjustments next sprints

Balance out the work load more (by referring to GitLab statistics e.g.)
Be more unified in how we do things, only using assertJ for example, make sure the response entities are unified etc
Writing more informative Javadoc and comments and keeping it consistent throughout the project