

## Sprint 3 (week 2.4)

Task / Issue	Assignee	Estimated effort	Actual Effort	Done	Notes
Make individual reservations	Emil, Panagiotis, Arslan	5	15	<input checked="" type="checkbox"/>	User can make reservations We have to figure out how to deal with message codes for testing. Took way longer than expected since we had to find out about eureka communication etc
Make equipment reservations	Emil Panagiotis	5	10	<input checked="" type="checkbox"/>	Users can make equipment reservations. We have to do the testing
Strategy Design Pattern	Panagiotis	3h	4h	<input type="checkbox"/>	Reservation can be sorted in chronological order.
Limit user's reservation balance (basic/premium)	Nadine	1 hr	2 hrs	<input checked="" type="checkbox"/>	Will be embedded into a Chain of Responsibility pattern still.
Finish Spring security Microservice setup	Emma, Erwin	5 hr	10 hrs	<input checked="" type="checkbox"/>	Added authentication and authorization via JWT tokens, which are validated at a central gateway.
Users can register	Erwin	5 hr	3 hr	<input type="checkbox"/>	
Users can login	Emma	5 hr	4 hr	<input type="checkbox"/>	Security Service checks whether a user is registered by asking the User Service
LA 1 Design Patterns: descriptions, UML class diagrams	Arslan	3 hr	3 hr	<input type="checkbox"/>	Decided the design patterns to be implemented for the requirements. Also be able to visualize these implementations using UML class diagrams.
Customers can make group reservations by entering all other group member ID's	Arslan	3 hr	In process	<input type="checkbox"/>	
Make Unit tests for making reservation	Arslan	30 min	1 hr	<input checked="" type="checkbox"/>	Testing the reservation service and reservation repository

## Main problems encountered

Couldn't figure out how to test response messages content.
Hard to figure out how to communicate between microservices
Couldn't figure out how to do the other ways of sorting since calls for other services are needed and I cannot access the controller class in reservations from the entities package

## Adjustments next sprints

When implementing features, take into account testability.
Write tests earlier (use Test Driven Development).
Balance the workload more equally.