

# Sprint Retrospective, Iteration #3

User Story	Task Issue No.	Task Description	Asignee	Estimated Effort	Actual Effort	Done	Notes
Users can only apply for the activities they are eligible for	13	Implement the route 'getAvailableActivities' in Planner Microservice	Markas Aisparas	2h	2h	yes	
Users can only apply for the activities they are eligible for	18	Validate activities in the Planner Microservice	Markas Aisparas	3h	5h	yes	
	22	Implement controllers for the messaging microservice	Jakub Pataluch	10min	15min		
	26	Create test for Activity Microservice	Zofia Rogacka-Trojak	3h	9h	yes	N/A
The system shall have a gateway	27	Implement Gateway base routing mechanism	Gayeon Jee	2h	6h	yes	N/A
	29	Implement Messaging service	Jakub Pataluch	3h	3h	yes	
	30	Create tests (unit + mock controllers) messaging microservice	Andrei Simionescu	1h	3h	yes	N/A
The system shall have a gateway	32	Create tests for the gateway microservice	Gayeon Jee	2h			Dropped
	34	Task 2 Design Patterns essays final draft	Zofia Rogacka-Trojak	3h	3h	yes	N/A
	39	Link core microservices together	Andrei Simionescu	3-4h	10-12h	yes	N/A
Users shall be able to create an activity with at least one open position to be filled	40	Users shall be able to create an activity with at least one open position to be filled (check if it's at least one)	Maria Mihai	20 min	20 min	yes	N/A
	41	Users shall be able to select activity corresponding to their positions and availability	Markas Aisparas	1h	1h	yes	N/A
	42	TESTING: Users shall be able to view all of the trainings and competitions they are eligible for	Andrei Simionescu	2h	1-2h	yes	N/A
The system shall inform an activity owner of all the users who have requested to join it	43	The system shall inform an activity owner of all the users who have requested to join it	Andrei Simionescu	1h	3-4h	yes	N/A
The system shall notify a user when they have been accepted for an activity	44	The system shall notify a user when they have been accepted for an activity	Jakub Pataluch	1h	1.5h	yes	Needed integration with messaging microservice and proper adjustment of websecurity
The system shall not match a user to a competition if it starts earlier than 24 hours	45	The system shall not match a user to a competition if it starts earlier than 24 hours	Zofia Rogacka-Trojak, Markas Aisparas	15min	15 min	yes	This had to be rewritten, so took longer
The system shall not match a user to a training if the training starts earlier than half an hour	46	The system shall not match a user to a training if the training starts earlier than half an hour	Zofia Rogacka-Trojak, Markas Aisparas	15min	15 min	yes	This had to be rewritten, so took longer

The system shall allow the addition/removal of new certificate to the platform	47	The system shall allow the addition/removal of new certificate to the platform	Everyone				
Users can view all activities even if they are not eligible for it	48	Users can view all activities even if they are not eligible for it	Jakub Pataluch	20min	20min	yes	
The system shouldn't allow users to modify/edit other users' account information	49	The system shouldn't allow users to modify/edit other user's certificates	Maria Mihai	20 min	1h	yes	There were a few tests to fix after this new constraint.
	50	Match DTO s between microservices	Andrei Simionescu, Markas Aisparas				
	51	Update num spots count in activity when user is matched to boat.	Markas Aisparas	30 min	5 min	yes	The number of available spots are now computed on the planner, so this is no longer needed
The system will only allow usernames which follow a specific format.	52	Restrict username creation	Maria Mihai	20 min	40 min	yes	Boundary tests took a bit more than expected.
	54	Provide complete tests for planner microservice and fix t	Jakub Pataluch	2h	7h	yes	Took longer because in the last day of sprint, the integration with other microservices was changed and that broke all the tests

# Main Problems Encountered

## **Problem 1:** Incorrect merge request

**Description:** There was a situation where a branch was incorrectly merged to main which caused a lot of hassle to fix not long before the deadline.

**Reaction:** Discussion that there should be more caution on making merge requests.

**Adjustments in the future:** Make sure to check the target branch of the merge request more closely, and try to upload the final version earlier on.

## **Problem 2:** Work distribution over the sprints

**Description:** In the last sprint, we had a lot of issues distributed compared to the other weeks. There was a lot of work done last minute.

**Reaction:** The group had an online meeting which lasted for almost the entire day.

**Adjustments in the future:** Create an overall schedule of the sprints in the earlier weeks and keep track of the issues throughout the week.