Sprint Retrospective, Iteration #2

User Story	Task Issue No.	Task Description	Asignee	Estimated Effort	Actual Effort	Done	Notes
	9	Create base classes for the Messaging microservice	Andrei Simionescu	2h	2h	yes	N/A
	11	Implement the `getActivityStatus` route in Planner Microservice	Jakub Patałuch	30min	45min	yes	N/A
Users can only apply for the activities they are eligible for	14	Implement the route `createAppointment` in Planner Microservice	Markas Aisparas	3h	3h	yes	N/A
	15	Implement the route `getAppointments` in Planner Microservice	Jakub Patałuch	1h	1h	yes	N/A
The system shall allow activity owners to accept/decline a user's request to join a training/competition	16	Implement the route `resolveAppointment` in Planner Microservice	Jakub Patałuch	1h	1h	yes	N/A
	17	Create an ActivityRequestBuilder in Planner Microservice	Markas Aisparas	3h	4h	yes	N/A
	25	Create JavaDoc for the user microservice	Maria Mihai	1h	1h	yes	N/A
	33	Repair Rest Template query with the user microservice for the register endpoint	Andrei Simionescu	2h	3h	yes	N/A
	35	Make UserService return Id when creating user.	Andrei Simionescu	1h	1-2h	yes	N/A
	36	Add user microservice gitlab pipeline	Andrei Simionescu	10 min	3h	yes	PMD kept failing for no reason
	24	Create tests for the user microservice	Maria Mihai	4h	8h	no	Finished in the next week, because of: changes in enums, insufficient branch coverage
	6	Create ActivityService	Zofia Rogacka-Trojak	4h	5h	yes	Finishing/ adding additional methods
	N/A	Major checkstyle/pmd fixing	Jakub Patałuch	2h	2h	yes	First fix of checkstyle after a few weeks of work as part of planner microservice tasks
Users shall be able to cancel or edit activities, if the activities were created by the user	5	Create ActivityController	Gayeon Jee	1h	2h	yes	N/A

Main Problems Encountered

Problem 1: Proofreading on the assignments

Description: When the entire team works on the same document, this can result in inconsistent syntax, small errors and inaccuracies.

Reaction: Since the feedback for the draft of assignment 1 included a number of these mistakes, all the group members decided to be more thorough before handing in the future assignments.

Adjustments for next Sprint: Remind everyone to do a proofreading before turning in the assignment, or even do proofreading during the meeting so that everyone participates.

Problem 2: More gitlab reviews

Description: Some members were not doing enough code review, and there should be code reviews happening more actively to make sure that it is a working code.

Reaction: Since some members believed that they are already reviewing merge requests enough, they did not completely agree with this issue. However, everyone agreed that there should be more communication about adding new features to the project.

Adjustments for next Sprint: After putting up an MR, let the group members know about it. When a person puts a request, everyone should actively review and approve merge requests.

Problem 3: Unequal work distribution

Description: Because of another exam that the group members had to take during this sprint, not everyone was able to contribute equally.

Reaction: A few members pointed out that the task distribution is unfair, or that not all the tasks for this week had been done in time.

Adjustments for next Sprint: Since all the group members had a more free schedule in the next (and last) sprint, it was only decided that those who had not achieved all of their tasks should take on a few more in the next sprint.

Problem 4: Insufficient domain constraints

Description: It was pointed out that some invalid behaviour was not checked. For example, users were allowed to have any username, and create activities which had no open positions.

Reaction: Everyone agreed this is a problem.

Adjustments for next Sprint: GitLab issues were created for fixing these problems, and more boundary tests were added.

Problem 5: Insufficient branch coverage

Description: Another problem identified during the TA meeting was the low level of branches which were covered in tests.

Reaction: Unanimous agreement.

Adjustments for next Sprint: More group members took the task of testing the microservices.