Sprint Retrospective 5

User Story	Task	Task assigned to	Predicted effort per task	Actual effort per task	Done (yes/no)	Notes
Students should be able to request changes and companies to approve them	Propose change endpoint and logic	Giulio Segalini	1h	1h	yes	
	Companies accept changes endpoint and logic	Giulio Segalini	1h	1.5h	yes	
Students should accept job requests	Endpoint + logic	Giulio Segalini	1h	0.5h	yes	
Student post service remote proxy design pattern for Users	Create a remote proxy design pattern in order to proxy User info to allow lazy fetching from the User microservice	Tudor-Gabriel Velican	3h	4h	yes	This is an issue carried on from the last sprint, now completed.
Users should pass the gateway before interacting with the other microservices	Implement a gateway for the application	Andrei Manastireanu	5h	6h	still in progress	Integration is pretty hard to get done. Test cases should be made for the new microservices.

Companies should be able to view all students that have signed up for a Generic Service Post.	Endpoint, logic and testing.	Ivan Virovski	3h	5h	Yes	Issue carried from last sprint, now completed. Pipeline warnings and merge conflicts.
Users are authenticated and authorized by Spring Security when interacting with the system.	Implement security for the gateway and therefore the rest of the application too. Implement roles based permissions and use JWT tokens.	Todor Mladenovic	4h	7h	Still in progress	The JWT token complicated things quite a bit and It took a lot of time initially to understand how spring security works(as well as the gateway).
Students should be able to sign up for generic posts	Add controllers, services and repositories to support the creation of an offer to a post, and also be able to get the offers based on post id.	Marie Grundfør	3h	6h	Yes	Had an stackoverflow issue that was hard to find, but figured it out in the end.

Main Problems Encountered

Problem 1:

Description: Spring Security is new and Todor had many questions about how it should work and be implemented.
Reaction: He went to colleagues for advice and they pointed out useful sources of information.

Problem 2:

Description: Marie ran into a persistent stackoverflow error that was difficult to find.
Reaction: After looking through previously created code, the issue was found and fixed after many other good suggestions from the team.

Problem 3:

Description:
Reaction:

Adjustments for the next Spring Plan

We were planning to be done with implementing features by now but will have to adjust the next sprint to finish the Gateway and Authorization microservice. To do this will als need to change some endpoint names in the other microservices so there will be a new issue for that.