Sprint retrospective, iteration 2

User Story #	Task #	Task assigned to	Estimated effort per task (in hour)	Actual effort per task (in hour)	Done?	Notes
	47	Justin Jo	3	3	yes	Now the coupons are being created with the strategy being passed on to the constructor, but this will have to be fixed.
	50,51	Justin Jo	3		no	Adding a new coupon is working but deleting is having issues, so this will be fixed in the next sprint.
	37,45, 53	Dorian Erhan	2	4	no	Created the commons module and refactored the codebase to have class implemented in all microservices put into commons, to prevent code duplication.
	32,43	Dorian Erhan	3	3	yes	Implemented gateway using Zuul, as well as the routing for every microservice. This allows us to have all endpoints available in a single port.
	10,13, 19	Thys Kok	4	4	no	OrderOverview is correctly implemented. Only tests remain
	31	Thys Kok	1	2	yes	Add endpoints to register stores and managers

	46	Kayra Bahadir	7	6	yes	Implement total functionality of basket, including the class, service handling all baskets and controller for any calls like adding/removing a pizza
	44	Kayra Bahadir	1	1	yes	Separate endpoints inside the Basket MS to 2 separate controllers: Repo—for all things about repositories—and Basket controller for all changes on customer basket.
	40, 6, 7	Petar Koev	3	4	yes	I was having problems setting up event listeners. Still, after a discussion with my teammates we came to the conclusion that we don't need one
	-	Petar Koev	2	1	yes	I restructured the allergies class and controller
	24	Izzy van der Giessen	4	4	Yes	I spent time on creating Commons classes, which failed so I had little time left.

Project: AP
Group: 5a

Main Problems Encountered

- Problem 1
    - Description: after creating the commons folder and moving all the class entities, we had some problems while building the project, specifically linking up the dependencies correctly.

    - Reaction: After quite some struggle, we pivoted to have the project built from the root directory, previously we were doing it from *lab-template*, and connected everything nicely, having a working commons in the end.

- Problem 2
    - Description: Though there really isn't any significant second problem that was encountered this week, the GitLab repository was unorganized, meaning multiple merge requests ready for review, some MRs not having populated thread sections under them, and issues that are open even though they are implemented already.
    - Reaction: We have realized this, and immediately started strengthening the ongoing communication. Pinging everyone when the new MR is out, encouraging thorough checks before approval, and in-depth conversations under the MRs. These enabled us to eliminate this part of the problem. As per the rest, we removed all unnecessary branches and closed all issues that should've been closed. We introduced a new label for MRs waiting for review. In the end, the repository turned out much tidier.

Adjustments for the next Sprint Plan

For the last week before submission, the aim is to connect all microservices. This means establishing a connection between already implemented fundamentals of each microservice, building the user flow amongst microservices (such as the customer retrieving the list of available stores from the User MS and later specifying the store they wish to order from to the Basket MS).

While doing so, the gateway's functionality is constantly assured, as well as the usage of authorization in these requests made to and between each microservice.

In addition to this, the week will also be prioritizing ensuring high test coverage. The test coverage as of this week is around 75-80%, and the next week will be time to keep, and even increase, this level.