Sprint Retrospective, Iteration #4

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| --- | --- | --- | --- | --- | --- | --- |
| User Story # | Task # | Task Assigned To | Estimated Effort per Task  *(in hours)* | Actual Effort per Task *(in hours)* | Done  *(yes / no)* | Notes |
| *User creates an account. Then he creates a house so his housemates can join.* | Create a connection between this microservice and authentication in order to obtain the correct credentials of the user | Fabian | 1.5 | 2 | Yes |  |
| Add update methods for the User, House, Request controllers and test them | Ina  Fabian | 2 |  | No | Through automatic tests and manual testing of the endpoints |
| Test the Request microservice endpoints manually | Ina  Fabian | 1.5 |  | No | The get methods are already tested. |
| Add method to check the status of the user credits | Ina | 1 | 1 | Yes | If the user has less than -50 credits then they get a message they should buy groceries |
| Add method for a user to create a House | Fabian |  |  | No |  |
| Add method for a user to leave a House | Fabian |  |  | No |  |
| Add method to get a list of users (their usernames) from a household | Fabian |  |  | No |  |
| *User adds products to the fridge. Then, after there are products in the fridge, users are able to make use of products, by adding transactions in order to keep track of how the products are used* | Update Product Controller and Product Entity to have the credits of a user updated when he adds a product. | Kendra | 1.5 | 2+ | No | We have had quite a few problems with making the microservices communicate between them so we will try to continuously get a hold of this situation and work things out. |
| Add a method to update the expired field of a product once a product has gone bad. | Kendra | 0.5 | 0.5 | Yes |  |
| Update Transaction Controller and Transaction Entity to have the credits of a user updated when he uses a product. | Stoyan | 1.5 | 1 | No |  |
| Create a communication between this microservice and the Requests microservice in order to have the user credits properly updated. | Oskar | 2 |  | No |  |
| Create more tests for the Product controller to reflect the changes | Kendra | 1 |  | No |  |
|  | Create more tests for the Transaction controller to reflect the new changes. | Stoyan | 1 | 1 | No |  |
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Project: Software Engineering Methods - Student House Food Management

Group: 51

Main Problems Encountered

**Problem 1**

Description: We had problems in creating a communication between the Transactions microservice and the Requests microservice

Reaction: Try to gain further understanding in how microservices should work together in order to solve the problem with modifying user credits.

**Problem 2**

Adjustments for the next Sprint Plan

*Succeed in creating a proper working communication between microservices and improve test coverage.*

*Make sure that all the methods are manually tested and work as expected.*