Sprint Retrospective

Iteration TEMPLATE

		Project Group			#GoGreen			
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User Story	Task	Task Assigned to	Estimated Effort (in hours per person)	Actual Effort	Done	Notes
Server	Implement Friends feature	Calin	8	8	No	Started work on it, but still needs to complete functionality.
Database	Polish structure	Calin	4	4	No	Mostly done, but still need to amend features.
Database	Deploy database on Heroku	Dorka	8	8	Yes	Up and running on Heroku.
Client	Re-write the Client	Calin, Danila, Yash	10	12	Yes	Took more effort than anticipated, but it is done.
Client	Implement Web API functionality	Dorka	8	10	No	Access granted from CoolClimate, but still need to figure out how to connect to it with Spring.
GUI	Adapt interface for "Eating a vegetarian meal"	Pradhyumnaa	6	6	Yes	All necessary functionality is there.
GUI	Connect GUI to Client	Pradhyumnaa	8	10	Yes	Took more effort than anticipated, but it is done.
Tests	Test Server code	Francine	7	7	Yes	All done with Mockito.
Tests	Test Client code	Francine	7	8	Yes	Done without Mockito, but will use Mockito next time.

Main Problems Encountered

Problem 1 **Connecting GUI to Client took precedence over Server improvements**
Description The task was a lot more difficult than anticipated, so it took most of the time for this sprint.
Reaction Now that the connection has been established, we should have more time for server.

Problem 2 **CoolClimate API is more intricate than anticipated**
Description Difficult to find tutorials available for Spring with APIs that required credentials.
Reactions Find piecewise solutions from Stackoverflow, and use CarbonFootprint API from GitHub as a backup plan.

Problem 3 **Client tests are linked directly to the database**
Description Mockito threw errors when mocking HTTP connection, so tests were written directly to the database.
Reactions A new tutorial was found and will be implemented.

Adjustments for next Sprint Plan

Adjustment 1   Server features will be focused on, with appropriate Client alterations.

Adjustment 2   Implement possible solutions for CoolClimate API.

Adjustment 3   Implement new tutorial for mocking Client tests.