

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	Yes	Full server-side functionality implemented and tested.
Database	Polish structure	Calin	2	2	Yes	Database should be in its final structure.
Server	Implement and Test Badges on Server	Francine	8	8	Yes	Full server-side functionality implemented and tested.
Server	Implementing and Testing Additional Entry Controller Methods	Francine	2	2	Yes	Full server-side functionality implemented and tested for tracking all CO2.
CI	Implement CI with tests and checkstyle	Calin	8	10	Yes	3-stage pipeline implemented on the server that checks build, tests, and checkstyle.
Server	Fixing registration and addition return types	Calin	3	3	Yes	Workflow for User Controller has been polished.
Server	Implement and Test Web API functionality	Dorka	8	10	No	Had difficulty with the response as an XML file, JSON not available.
Client	Finish Implementing and Testing Client methods	Yash	8	10	No	Testing to be completed.
Client	Implement and Test Friends Client Methods	Yash	8	10	No	Testing to be completed.
GUI	Create Home page	Pradhyumnaa	6	7	Yes	Home Page has been re-developed.
GUI	Create Friends page	Danila	8	8	No	Next task to be completed.
GUI	Connecting new GUI pages and Client methods	Pradhyumnaa, Danila, Yash	7	7	No	Some of it is done, but still need to do more work to get it all working.
GUI	GUI Menubar and Transitions	Danila	8	8	Yes	Fully functioning with transitions (no new pages are opened).

Main Problems Encountered

Problem 1 People Working on the Same Thing

Description Disconnect between people working on the same are so that they end up doing the exact same work.

Reaction Improve communications so that this does not happen anymore.

Problem 2 Complexity of Testing

Description Testing the Client with Mockito is more difficult because it does not mock HTTP connection objects.

Reactions Look into ways of getting around that.

Problem 3 Do Code Review Properly

Description Code reviews are too simplistic and don't discuss the code much.

Reactions Our code reviews need to be more detailed and interactive.

Adjustments for next Sprint Plan

- Adjustment 1** Improve communications to avoid duplicate work.
- Adjustment 2** Research tests for Client.
- Adjustment 3** Improve code reviews.