

Sprint Retrospective # 3

Context: Tools for Software Engineering
Group: Rubber Duck Debuggers

User Story	Task	Member Responsible for the Task	Task Assigned to	Estimated Effort per Task (per Assignee)	Actual Effort per Task	DO NE	Notes
As a user I would like to have an option menu in which I can put my preferences with respect to privacy and scope of logging of the extension	<u>Implement the Controller</u>	Maarten	Maarten	1	2	Yes	[1]
			Youri	0	1		
	<u>Implement Settings class</u>	Mitchell	Mitchell	3	20	Almost	[2]
As a user I would like to have that the extension shows me when it is active So that I am aware that my pull request behavior is being recorded	<u>Implement that the extension only logs when the user is in a PR</u>	Maarten	Maarten	2	10	Yes	
	<u>Implement that the icon shows whenever the extension is active</u>	Robin	Robin	2	20	Almost	[3]
			Maarten	0	3		
As a developer I want to collect sufficient and diverse data So that I can deduce reliable information and useful advice	<u>Implement a number of user-triggered events that will monitored and saved</u>	Mathias	Mathias	3	20	Almost	[4]
			Robin	1	0		
			Maarten	0	2		
As a user I want that the system that I'm using has been fully researched well on how to develop it	<u>Research which semantic elements are needed</u>	Youri Mathias	Youri	4	0	Yes	[5]
			Mathias	0	2		
As a developer I want to have clean code	<u>Implement semantic datatypes for Events and Elements</u>	Youri	Youri	0	6	Yes	[5]

The baseline for the relative estimated effort is “Implement a Controller”, as it is definitely the smallest task. All other numbers represent multiples in relative amount of effort. The Actual Effort per Task is measured in hours.

In addition to this document, we’ve provided a ‘Definition of Done’ in the Product Planning document in order to be precise on when to consider a task as done. The types of the tasks have been underlined. We’d like to refer the reader to this document, if any of the provided tasks above is not entirely clear yet.

Member	Total expected effort per member	Total actual effort per member ¹
Maarten	3	17
Mathias	3	22
Mitchell	3	20

¹ Please note that these numbers do not indicate the total amount of hours spent on the course per week per member. The total amount of hours spent on the the course also includes meetings, peer reviews, brainstorms etc.

Robin	3	20
Youri	4	7

Notes:

[1]: Youri fixed the instantiation of the eventbinders and elementselectors.

[2]: There still need to be written tests (mocking chrome storage is hard). We manually tested the settings for now.

[3]: The Status class still needs to be tested. This is because of the same problem stated at [2].

[4]: Still needs to be tested. This will probably include mocked html pages, something that will require some time.

[5]: Youri misinterpreted the Research issue, but has still provided useful work. We decided to create a new issue for this. He went on holiday from Tuesday, so we put Mathias on the original research issue, as his other task was required the research. Therefore he combined them.

Main Problems Encountered

Problem 1

Some unclear issue definitions

Definitions of issues are not always clear. This way the workflow slows down, because team members are not sure what to do. Communicating this better (e.g. by making the issues more descriptive) should help.

Problem 2

Functional requirements vs. test coverage

There were too many functional requirements in this sprint. Because of this, test coverage really took a hit. This problem didn't directly influence the workflow, but may be seen as a warning that has to be fixed as soon as possible.

Adjustments for the next Sprint Plan

For the next sprint we will take care of the following:

- Make clear descriptions of the issues. This way the workflow can be increased.
- Take a little less functional requirements. There are still some features that have to be tested, so that will also take time. This way we can make sure to finish everything next sprint.
- The upcoming week will be have one workday less than usually, so in the upcoming sprint plan we will take this into account by not assigning too many issues.