Sprint Retrospective # 7

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	DONE	Notes
As a user I want a toggle button in the Octopeer menu for switching Octopeer on/off So that I can easily start/stop Octopeer from logging data	**#80** _Implement_ the loggingEnabled backend	Maarten	Maarten	1	8	Yes	
As a developer I want to make an integration with the visualization team So that the extension will be more complete	**#121** _Discuss integration with the visualization team and research what should be done to make the integration possible (+ proof of concept) (or, research plugin SonarCube possibilities)_	Robin	Robin	3	2	Yes	[1]
			Mathias	3	2 + 2		
As a user I want to get feedback on my peer review behaviour from Octopeer So that I can improve my peer review behaviour	**#122** _Research possibilities of hints for users based on their review behaviour (+ proof of concept)_	Mitchell	Mitchell	3	5	Yes	[2]
As a developer I want to be able to track when a user starts watching and stop watching a PR So that I can use this data	**#96** _Implement watch PR and stop watch PR event bindings_	Youri	Youri	3	2	Yes	[3]
			Maarten	0	3		
As a user I want a nice interface	**#123** _Implement content for the 'About' page in the front-end_	Robin	Robin	1	5	Yes	[4]
As a bug I want to be fixed	**#32** _Bugfix: The event handlers are not attached to dynamically generated DOM elements (e.g. inline comment box)_	Maarten	Maarten	2	1	No	[5]
	#97 _Bugfix: Fix NameElementSelectionBehaviours_	Youri	Youri	2	0	Yes	[6]
			Mathias	0	3		
	#98 _Bugfix: Fix TextFieldElementSelectionBehaviour_	Mathias	Mathias	1	0	Yes	[7]
	#110 _Bugfix: Windows notification popup triggers raw data_	Maarten	Maarten	2	0	No	[8]
	#117 _Bugfix: Let icon synchronize with main option on initialisation_	Mitchell	Mitchell	1	7	Yes	[9]

The table is separated by a big black border to make a clear distinction between real user-stories and bugfixes and feedback resolving.

The baseline for the relative estimated effort is "Implement content for the 'About' page in the front-end", as this task is the smallest task.

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	5	11
Mathias	4	7
Mitchell	4	12
Robin	4	2 [+ about PR]
Youri	5	2

Notes:

[1]: We did not split this issue correctly. Robin and Mathias both spent 2 hours on integration, and Mathias spent 2 more hours on the research of a SonarQube plugin.

[2]: The corresponding research document can be found on Git and is called 'Research Hint Generation'. A reference has been added to the README.
The research concluded that implementing the feature in the last sprint is too risky. Initially we included a proof of concept in the estimated effort, but as the research pointed out not the implement the feature, we didn't spend time on creating a proof of concept anymore. Therefore we spend less time on the issue than planned.

[3]: Youri went away Friday for the "bestuursweekend" of wolbodo. Maarten finished the issue for him.

[4]: This issue was extended a bit with additional styling upgrades. Therefore it took more time than planned.

[5]: We have made a small proof-of-concept, but did not have time to implement it this week. This will be the first thing in the weekend.

[6]: Youri went away Friday for the "bestuursweekend" of wolbodo. Mathias took over the issue.

[7]: Apparently, this bug was already fixed somehow.

[8]: This bug was not that much of an annoyance, so it has a very low priority. Also because of the seemingly non-deterministic appearances of this bug, we decided to move this to next week.

[9]: Finding the cause of the problem was quite a struggle. Eventually, after debugging and talking to our rubber duck for a few hours, the bug had been exposed and fixed. The bug involved undefined values in the chrome storage on reloading the extension, which came as a surprise. Solving the bug itself was easier than finding the cause of it.

Problem 1

This sprint was for a part (a larger part than in the previous sprint) covered by bugfixes. Because it is most of the time much harder for bugfixes to indicate the amount of time needed for the fix, the planned effort and actual effort might differ a lot sometimes. Unfortunately there is not really a way to work around this.

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[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, resolving feedback, etc.

Adjustments for the next Sprint Plan

Next sprint will be the last sprint of this project. This means that most of the time will be spent on the last bugfixes, finalizing code and finishing of documentation. We will try to make the necessary changes as soon as possible, so that we have enough time left for this final part.

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