Sprint Retrospective # 6

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	2	No	[1]
As a developer I want to be able to efficiently filter which types of events should not be logged	**#84** *Implement* the frontend for DoNotWatchOptions	Robin	Robin	3	10	Yes	[2]
			Youri	1	0		
As a user I want to change the options without having to use a submit button So that it is easier to make changes	**#89** *Improve the usability of saving options (see suggestions in GitHub issue)*	Mitchell	Mitchell	2	6	Yes	
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* start watch PR and stop watch PR event bindings	Youri	Youri	3	0	No	
As a developer I want to log raw data next to semantic data So that we can try to take conclusions on both types of data	**#64** *Implement* that the RESTApiDatabaseAdapter can also log raw events (with mouse positions)	Maarten	Maarten	0	3	Yes	
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	0	No	
	#97 *Bugfix: Fix NameESBs*	Mathias	Mathias	2	0	No	
	#98 *Bugfix: Fix TextFieldESB*	Mathias	Mathias	1	0	No	
As feedback I want to be resolved So that the codebase looks better	**#91** *Refactor Options.js*	Robin	Robin	1	1	Yes	
	#95 + #107 *Move ElementSelectionBehaviours and ElementEventBindings (#107) to separate class*	Mathias	Mathias	2	13 + 7	Yes	[3]
			Maarten	1	6 + 0		
	#94 *Refactor the Options class*	Mitchell	Mitchell	2	8	Yes	
	#93 *Rename all interfaces consistently*	Maarten	Maarten	1	3	Yes	

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 "Rename all interfaces consistently", 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	14
Mathias	5	20
Mitchell	4	14
Robin	4	11
Youri	4	0 ([4])

Notes:

[1]: This issue required extending the EEB data. Because ESBLists and EEBLists refactoring took more time than expected, we could not finalize this issue.
[2]: Youri didn't contribute to this issue because of external events.
[3]: Issue was split up because it would be too much to review doing it in one PR. The + signs in the 'Actual Effort per Task' column indicates how many effort was made per issue (since there are two issues bundled).
[4]: Youri has still contributed to our project by helping with the architecture at #95 and chairing the Database Meeting on Monday.

Problem 1

External time-consuming events
Because of some external events, like AreaFiftyLan and TA'ing for a number of team members, this week has been very busy. Despite this, we feel we have put in enough effort in the sprint.

Problem 2

Issue dependencies
There were some issues that were dependent on other issues. Normally that's not a problem, but this time for example #80 depended on #95, #107 (rewriting architecture of ESBs and EEBs) and #94 (refactor Options.ts). Rewriting the architecture took up the entire week, so we could not start on #80.
Besides, issue #94 was dependent of #89 (improve saving options) and #89 was dependent of #84 (Add Frontend to DoNotWatchOptions). Specifically the latter took more time than expected, because the reviewing of the Pull Request took until Thursday, while it was already open since Monday.
These dependencies influenced the workflow for Maarten (for the first dependency chain) and for Mitchell (for the last dependency chain), as it took some more time on merging the dependencies.

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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

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

- In the upcoming week, Mitchell will not be able to contribute on Friday because of medical reasons. This means we have to make sure that either he gets a little bit less work or that his work is finished before Friday. Youri should be done with AreaFiftyLan by then, so he can be fully participating again.

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