

Sprint Retrospective # 5

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	D O N E	Notes
As a user I would like to have a that a user test has been performed on interaction options So that I can use the best interaction way	#62 Research how we will create a Human-Computer-Interaction test (for the Interaction Design feedback meeting on June 1)	Mitchell	Mitchell	2	2	Yes	
As a developer I want to be able to efficiently filter which types of events should not be logged	#63 Implement Event-Element matrix based on Options class	Youri	Youri	3	9	Yes	[1]
As a developer I want to log to a real database instead of a console So that the visualisation team can get to work	#50 Update the implementation of the RESTApiDatabaseAdapter to use the new endpoints in the API	Maarten	Maarten	2	6	Yes	
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	3	5	No	[2]
	#65 Implement event handler classes, like ElementEventBinding, except these new classes will only handle raw events	Robin Mathias	Robin	3	0	Yes	
			Mathias	1	7		
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)	Mathias	Mathias	3	0	No	
	#66 Bugfix: Status does not currently react to Tab change, only on URL update.	Robin	Robin	1	2	Yes	
As an SIG member I want to look at a proper code repository So that I can give a high grade	#67 Implement more tests, now we have a coverage report we can easily see which classes might need more testing	Mitchell	Mitchell	3	24	Yes	[3]
			Robin	0	4		
	#68 Check whether the current state of the code is ready to be sent to SIG	Youri Robin	Youri Robin	2	1	Yes	[4]
As a user I want a toggle button in the Octopeer menu for switching Octopeer on/off So that I can easily start/stop	#71 Implement the toggle button in the Octopeer menu	Robin	Robin	1	6	Yes	[5]

Octopeer from logging data							
----------------------------	--	--	--	--	--	--	--

The baseline for the relative estimated effort is “Implement Toggle button ”, as this task only needs some more testing and a few minor changes. 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	5	14
Mathias	4	7
Mitchell	5	26
Robin	5	13
Youri	5	9

Notes:

[1]: Depending on Bastiaans feedback, there might be a need for more documentation to make things a bit more clear

[2]: At least the interface for all the DatabaseAdaptables are already there. The implementation and testing still has to be done. We will have to move this to next sprint, since the REST API still has a bug.

[3]: A lot of tests have been added. Besides, chrome functions (like the chrome storage) have been mocked (see the ‘ChromeMock’ class). Our test coverage has been increased from 69% coverage to 89% coverage (more information about this can be found in the coverage report). We couldn’t reach a higher coverage percentage, as some functions (in MainController, ContentController and in Options) can’t be tested. Along the process a few bugs have been discovered and fixed. Altogether we’ve really made progress with respect to testing.

[4]: Was done by Robin because he is the repository owner. Was a lot easier because of the BetterCodeHub.

[5]: Attempt to test failed.

Problem 1

External time-consuming events

Because of some external events, like the midterm, AreaFiftyLan and grading 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

Mocking chrome functions and properties

Achieving this was quite a time consuming research (including ‘pre-research’ in the previous week). We’ve achieved to get this working, although it cost some time. This affected the workflow in terms of that it took us some more time and thus spend relatively more time on the issue than planned.

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, brainstorm, resolving feedback, etc.

Adjustments for the next Sprint Plan

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

- The upcoming week will be a 'regular' week again; no midterms (except for the postponed midterm meeting) and no more special TA 'events' from our side. Although Youri will still be busy with organising the AreaFiftyLan event. We will take this into account for the next sprint in terms of new issues to be resolved.