Sprint Retrospective, Iteration #6

Group: Out of Context

Context: TSE

Date: 03-06-2016

User Story	Task	Member responsible for the task	Task Assigned To	Estimated Effort Per task (in points)	Actual Effort Per Task (In Points)	Priority (A-E)	Done (Y/N)	Task Completed By	Notes	Pull Request Number
As a user I want the event positions to be logged (semantic data) (If possible)	Do research on event positions	Laurens	Cas, Lars, Thomas	3	2	A	Y	Cas, Lars, Thomas		
	Create a semantic logger for mouse clicks	Thomas	Cas	6	3	A	Y	Cas	The implementation was easier as thought as I made a few changes already previous sprint to make it some simpler for me this week.	#85
	Test the semantic logger for mouse clicks	Thomas	Cas	3	3	B	Y	Cas		#90
	Create a semantic logger for keystrokes	Laurens	Lars	10	13	D	Y	Lars		#91
	Test the semantic logger for keystrokes	Laurens	Lars	4	5	E	Y	Lars		#91
	Create a semantic logger for mouse enter and leave	Thomas	Cas	5	2	D	Y	Cas	After the implementation of the click, is was very easy to implement this tracker as well as I could reuse created methods.	#89
	Test the semantic logger for mouse enter and leave	Thomas	Cas	4	3	E	N	-	The testing files started to become very messy which is why it was decided to properly set the tests in the next sprint. This to not make worse things even worse.	#89
	Create a semantic logger for scroll in and out of view	Laurens	Arthur, Lars	10	8	B	N	Arthur	Worked on getting libraries to load and used this to get element scrolling to work. Implemented, but not reviewed and merged yet.	#93
	Test the semantic logger for scroll in and out of view	Laurens	Arthur	9	4	C	N	Arthur	Tested under assumption that the library does its work correctly - as evidenced by the libaries test suite - made testing a lot simpler.	#93
As a developer, I want to know how to use the tool	Add sequence diagrams/flow charts of how the tools start up and the user interactions with the tool	Cas	Thomas	10	8	A	Y	Thomas		
As a user, I want an icon for the tool in the chrome extension's page	Add icon for the project	Arthur	Lars	2	4	C	Y	Lars		#94
As a user, I want some more explanation about what is being tracked	Add demo's to the settings page about what is being tracked	Cas	Lars, Thomas	10	22	B	Y	Lars, Thomas		#86
Meeting interaction design	Preparing the meeting	Cas	Thomas	6	6	B	Y	Thomas		
	Attending the meeting	Thomas	Everyone	2	2	A	Y	Everyone		
Meeting with Product Owner	Creating use cases for the product demo	Thomas	Everyone	4	6	A	Y	Everyone		
As a user, I want to know when a pull request was visible	Research page visibility	Arthur	Laurens	2	5	B	Y	Laurens	I had to read a bit more than expected.	#87
	Implement page visibility tracker	Arthur	Laurens	20	17	B	Y	Laurens	After the extra reasearch implementation was slightly easier than expected	#87
	Test page visibility tracker	Arthur	Laurens	8	6	B	Y	Laurens	Testing was slightly easier than expected	#87
As a user, I want to know the current position of the viewport relative to the page origin.	Implement scrolling tracker	Laurens	Arthur, Cas	7	6	A	N (Y)	Arthur	Scrolling tracker was completed, but was not reviewed and merged before the code freeze. Cas did not participate in creating this tracker as it was unexpectedly quickly finished before he could start on it.	#95
	Test scrolling tracker	Laurens	Arthur, Cas	7	3	B	N (Y)	Arthur	Scrolling tracker was completed, but was not reviewed and merged before the code freeze.Cas did not participate in creating this tracker as it was unexpectedly quickly finished before he could start on it.	#95
Aditional	Restructured Database Scheme Interfaces	-	Cas	-	1	C	Y	Cas		#92

When in the done column 'N (Y)' means that a feature has been implemented, but that is has not been included in the release because code reviewing has not been completed yet.

Main Problems Encountered

Problem 1

The database went through some changes after the meeting on Monday. Not everything that would change was communicated well internally and thus components of the extension started to break down. It took a while before the cause this issue was found. In the end this issue caused additional workload which made some tasks longer than they should have.

Solution 1

Things will be better communicated internally to avoid this problem in the future. Also, some extra checks will be made to avoid miscommunication.

Problem 2

The database has a, probably concurrency related, problem which causes duplicate users to be entered in the database. When this problem occurs, nothing more can be stored in the database and thus the extension cannot work as expected anymore.

Solution 2

Aaron has told that he will look into this and that he will fix this issue.

Problem 3

This week the code reviewing took much more effort than was initially expected. Some team members had a extensive amount of time they put in the code reviewing part which was not accounted for. This took away a huge part of the time which could have been used for fixing bugs or creating new features.

Solution 3

We will try to not place too difficult features in a single sprint to reduce the difficulty of the code reviews. We will also try to do code reviews as early as possible during the sprint to not let all the work come on a single or two days.

Problem 4

There were some difficulties with the testing of the settings explanation cards. It turns out that querrySelector is not supported by the version of JS DOM that we use.

Solution 4

Once we located the problem we refactored the code to use ID's only. This solved the problem, but it still cost us a couple of hours.

Adjustments for next sprint

We will go with the entire team to the meeting, to avoid the posibility of failing internally communication.
Also, the pull requests will be split more equally during the sprint and finished more quickly. In combination with a little smaller workload for the next sprints will avoid too long code reviews.

Workload distribution table

This table does not include time spent in lectures, planning the next sprint, reviewing the previous sprint, reviewing pull requests or any other kind of meetings and problem solving efforts.

Names	Estimated Total Effort (In Hours)	Actual Total Effort (In Hours)
Lars	22,5	27
Thomas	20,5	26
Cas	22	11
Arthur	21,5	16,5
Laurens	21,5	21,5