Sprint Retrospective, Iteration 4, Version 1.0

Group: Out of Context

Context: TSE

Date: 20-05-2013

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)	Notes	Pull request
As a user I want the mouse positions to be stored in the database	Create messages between the mouse position logger and the request sender class	Thomas	Arthur, Cas	4	5	A	Y		#56
As a user I want the mouse clicks to be stored in the database	Create a logger for the mouse clicks	Cas	Thomas	2	3	A	Y		#56
	Store logged mouse clicks in the database	Cas	Thomas	4	4	B	N		
	Test the logger for the mouse clicks	Lars	Thomas	4	4	A	Y		
	Test the storage of the mouse clicks	Cas	Thomas	3	2	B	Y		
As a user I want the keystrokes to be stored in the database	Store logged keystrokes in the database	Thomas	Laurens	4	7	B	N	Thomas resolved conflicts, ready for merge, just missed the change freeze DL.	#50
	Test the storage of the keystrokes	Thomas	Laurens	3	0	B	n	Thomas resolved conflicts	
As a user I want functional preferences	Popup preferences need to be applied	Cas	Lars	3	7	C	Y	By first moving all the code to a global file, this was easier than expected. However I encountered that code we created last week used localStorage, which does not synchronise between windows. I had to figure out how to use the Chrome StorageArea API to actually store the settings, which took a while.	#57
As a developer, I want to have a centralized place for all global level code	Put all code that is executed by the extension in one file	Arthur	Lars	7	4	B	Y	A well placed remark by Arthur, made this easier than expected	#54
As a user I want to know why particular choices for code has been made	Write documentation for changes made	Cas	Thomas	4	4	A			
As a user I want sessions/pull requests to be stored in the database	Do research into sessions	Laurens	Arthur, Cas	3	1	A	Y		
	Create a session for a pull request	Cas	Arthur	5	0	B	N	Endpoints were not existing yet, so Cas did instead extra research on Django.	
	Store a session in the database	Lars	Cas	5	0	C	N	Not possible without above.	
	Test the session creation	Cas	Laurens	2	0	B	N		
	Test the storage of the session	Thomas	Cas	1	0	C	N	Not possible without storage.	
As a user I want the resolutions to be stored in the database	Store the logged resolutions in the database	Lars	Laurens	3	7	B	N		#51
	Test the storage of the resolutions	Cas	Laurens	4	0	B	Y		
As a developer I want to have a structured repository	Place all interfaces in the interface folder	Arthur	Cas	1	1	A	Y		#48
As a user I want the event positions to be logged (semantic data) (If possible)	Do research on event positions	Laurens	Arthur, Lars	2	3	E	Y	Discussion with RDD was needed	
	Create a logger for event positions	Laurens	Arthur, Lars	4	3	E	N	Due to discussion with RDD work on this was delayed, and therefore had insufficient time	
	Test the logger for the event positions	Laurens	Arthur, Lars	3	0	E	N		

As a user I want all code to be properly tested	Test popup.ts	Thomas	Laurens	2	3	D	Y	This code was generated, but because of some changes made in the setting stores, Lars had to change all of the testing code.	#57 #52
SE requirements	Map user stories to repository	-	Everyone	2	2	D	Y		
	Meeting with other groups, Aaron and Bastiaan	-	Everyone	2	2	A	Y		
As a user I want tracking to be able to reach the server	Do research into chrome messages	-	Everyone	3	3	A	Y		#53
Additional Work	Enancement of the TSLint configuration	-	Cas	-	1	E	Y	It is better to have the strictest configuration at the start.	
	Centralizing of all global code in the tests	-	Cas	-	3	E	Y		
	Make resizetracker send windowsize on load.	-	Arthur	-	1	B	Y		
	Assist with the testing of popup.ts	Laurens	Arthur	-	4	A	Y	Testing involved the DOM, assisted and taught Laurens on how to do this.	
	Change popup.ts testing	-	Lars	-	4	A	Y	Some changes were made in the settings storage, which caused settings storage to break. I had to figure out how to properly mock the Chrome StorageArea API, which took a while.	
	Fix build error due to Typings update on CI	-	Arthur	-	9	A	Y	Finding the issue was largest time consumer.	

Main Problems Encountered

Problem 1

During the past sprint, one of our tools, typings - for installing typescript typings - was updated on the integration server, which caused the builds to fail. We updated the version of Typings we use in our repository, solved the problems caused by breaking changes, and everyone had to locally update their typings and definitions. In order to avoid this problem in the future it would be nice to enforce wercker to use a certain version, this however does not have a very high priority at the moment as having things working on later versions would be a requirement too.

Problem 2

Unfortunately Aaron had some problems creating the database, which caused a few problems and even a few tasks which could not be completed within this sprint. One of our members invested some time to help Aaron investigate the problems he had which took some time as well. We have completed as much tasks as possible, and we will test the database using Vagrant. The proper use of sessin ID's will be addressed next sprint.

Problem 3

Semantic Events were mostly spearheaded by the Rubber Duck Debuggers, however the ideas behind their method were unclear to us. After explaining their method on Tuesday, the amount of time left was no longer enough to fully implement semantic events. Besides that, a mismatch between the things GitHub and BitBucket supports mean that in the coming sprint we'll have to discuss what events to use.

Problem 4

We planned too much tasks for this week, because some tasks took longer than expected. Because of that we didn't get to finish the semantic events. We will plan a little less optimistic for the next sprint, especially since most group members have exams during the upcoming sprint.

Adjustments for next sprint

As with problem 3, we required information from RDD to keep going. Next sprint we'll keep the dicussion going online, and if needed have a meeting with RDD in person.

We planned fewer tasks, because we discovered we were a bit too optimistic last sprint. We also have some midterms during the next sprint, so we will be able to spend fewer time on this sprint anyway.

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.

Names	Estimated Total Effort	Actual Total Effort
Lars	29	31
Thomas	29	29
Cas	29	26
Arthur	30	35
Laurens	30	29

Pointing system for Sprint Backlogs per task:

1-4: 30 minutes per point

5-8: 1 hour per point

9-12: 1.5 hours per point

13-15: 2 hours per point

15+ = x^1.598 per point