Sprint Retrospective, Iteration #7

Group: Out of Context

Context: TSE

Date: 10-06-2016

User Story	Task	Member responsible for the task	Task Assigned To	Estimated Effort Per task per person (in half hours)	Actual Effort Per Task (In Half Hours)	Priority (A-E) +: Alberto Priority	Done (Y/N)	Task Completed By	Notes	Pull Request Number
Project Report	Write the Title Page including the title of the document	Lars	Thomas	1	1	C	Y	Thomas	These tasks will (partially) transfer to next week, because we still need to work on the report next week.	
	Writing the introduction	Cas	Thomas	3	3	A	Y	Thomas		
	Writing the reflection on the product process from an SE perspective	Thomas	Cas	8	2	B	N	Cas		
	Write a description of the developed functionalities	Thomas	Lars	6	3	B	N	Lars		
	Write a special section on interaction design	Cas	Thomas	14	8	B	N	Thomas		
	Write the evaluation of the functional modules and the product in its entirety, including the failure analysis	Thomas	Arthur	12	2	B	N	Arthur		
	Write the literature and other sources of information	Cas	Everyone	2	0	E	N	-		
As an user I want the software to be easy to use (Interaction Design)	Create an evaluation test	Thomas	Laurens	7	8	A	Y	Laurens		
	Process user interaction testing results	Thomas	Laurens	10	10	A	Y	Laurens		
	Interaction design user interaction testing	-	Everyone	5	2	A	Y	Arthur, Cas, Lars, Thomas		
As a developer I want a good maintainability of the product	Refactor the trackingcollector by changing our tooling system to allow abstract classes	Cas	Arthur	8	9	B	Y	Arthur	Also rewrote the standard trackers to utilize this.	#104
	Extract throttling from trackers		Arthur	-	8	C	Y	Arthur		#110
	Modularise the semantic tracker	Arthur	Lars	8	10	A	Y	Lars		#108
	Refactor the tests for the semantic tracker	Cas	Lars	5	6	B	Y	Lars		#108
As an user I want an explanation for every individual item that is tracked	Add new explanations	Lars	Thomas	4	6	A	Y	Thomas		#108
As an user I want total control of what is being tracked	Refactor Main	Arthur	Laurens	2	6	B	N	Laurens		
As a user I want to know the coordinates of all DOM elements	Create tracker for coordinates of all DOM elements	Laurens	Cas	12	23	A+	Y	Cas	This task required more work than expected. Thomas has helped working on this for 2 hours.	#107
	Meeting with Aaron about the database	-	Everyone	4	2	A	Y	Arthur, Cas, Lars		
As a developer I want the code to be easily extensible with analytics	Meeting with data visualisation group	-	Everyone	4	1	B	Y	Arthur, Cas, Lars, Thomas		
As a user I want to change the location of the database	Create a textfield for the database url	Thomas	Lars	-	3	C	Y	Lars		#109
	Apply the database location to the sender	Thomas	Lars	-	4	C	Y	Lars		#109

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

When creating the DomTracker, we chose for the change event which fires in specific cases but afterwards we found out that it didn't fire when a few very important events were fired.

Solution 1

Solving the problem of registering the few events we didn't already catch, we started using the MutationObserver. The MutationObserver did indeed fire at the events as we wanted, but it also fired when we made a change to the dom for adding the coords to every element. These DOM changes were needed as we found no solution in creating a hard-copy of the DOM without destroying the performance of the extension. So this made the MutationObserver useless. As a second solution we looked at what specific events were not been registered yet, these events were all triggered by a click on the same tag types. As solution we put individual addListeners on every item with these specific tags which solved our problem.

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.

The other items include code reviews, time spent in lectures, time for planning the next sprint and problem solving efforts

Names	Estimated Total Effort (In Hours)	Actual Total Effort (In Hours)	Actual Total Effort For Other Items (In Hours)
Lars	18	19	7
Thomas	22	16,5	12
Cas	20	20	10,5
Arthur	18,5	15,5	10
Laurens	17,5	15	2