

Sprint Retrospective, Iteration #4							
Context Project: Tools for Software Engineering							
Group: BussInfraManDevOps							
User Story #	Task #	Task Assigned To	Estimated Effort (in points)	Actual Effort per Task (in hours)	Done (yes / no)	Notes	Waffle.io issue number
User wants to connect to informative APIs to get more info about pull requests	Implement and/or investigate GHTorrent	Borek	13	5	yes	Implementation Postponed till actually needed	76
	Create useful service functions from the octopeer server	Borek	13	15	yes		77
	Push dummy data to octopeer server	Marco	4	2	yes		78
User wants to see visualisations of useful data	Design visualizations	Marco, Ahmet	13 + 5	12+2	yes	we still don't use much data from the database server	79
	Implement a part of these visualisations	Ahmet	13	12	yes		80
User wants a reliable product, without crashes or having to reopen the interface	Set up Grunt end-to-end test for main page	Daan	8	2	nope		81
	Add unit tests for existing components	Daan, Leendert	8 + 8	4 + 4	yes	Should be extended next week	82
	Set up tools for test coverage, coding style and add a link to GitHub	Leendert, Daan	13	12 + 8	yes		83
User wants an adaptable, scalable interface						While testing if all functionality could be carried over from Bootstrap to Materialize, I (Ahmet) noticed that I already had a lot of the work done, so I took the task over partially from Daan.	
	Replace bootstrap theme with Google Materialize	Daan, Ahmet	8	3 + 8	yes		84
	GUI and element styling	Ahmet	3	6	yes		85
User wants a well documented application	Update the software architecture document	Borek	1	0,5	yes		86
	Document the choices for visualizations	Marco	8	6	yes		87
Issues							
				Name	Hours	Student numbers	
Description:	There is a lack of real data in the database. Therefore we still cannot find relations in the data. Making visualisations without knowledge of relations in the data is a lot harder.			Borek Beker	20,5	4118650	
Reaction:	We will discuss the issue with the other teams and make a plan to push as fast as possible real data to the database.			Marco Boom	20	4393031	
				Leendert van Doorn	16	4373286	
Description:	The product owner found the style of Materialize more visually appealing than that of Bootstrap			Ahmet Gudek	28	4307445	
Reaction:	We switched over to Materialize and carried over almost all functionality of bootstrap. Only the tab switching animation is left out.			Daan van der Valk	17	4094751	
Description:	Qunit tests work nicely with requireJS, but lack easy support for AJAX testing. That's why we explored other options. The Mocha/Chai testing libraries seemed nice, but were not easy to setup with CI/Grunt/coverage tools.						
Reaction:	Finally, we chose to use the Jasmine testing framework (and Karma runner) to automate tests.						
Description:	We did not notice that we did not receive feedback from the TA on our prior sprint						
Reaction:	We noticed only within the meeting, which was pretty weird.						
Description:	GHTorrent does have a webapi, though we need to sent a public key to GHTorrent. We have done this but received no reaction yet.						
Reaction:	We have postponed the use of GHTorrent until we actually need it and see how to handle this problem. Maybe we will receive a reaction in the meantime.						
Description:	JSHint was hard to setup and gave a lot of style errors when setting it up .		Adjustments for the next Sprint				
Reaction:	We should make sure to adhere to style rules when submitting pull requests.		Because of the fact we did not receive any feedback from the TA, it might be wise that we ask more feedback from the TAs next sprint, and adjust accordingly. This to avoid implementing functionality that's undesired that we will have to fix in a future sprint or to simply get a better understanding of what exactly needs to be done this sprint.				