

Sprint Retrospective, Iteration # 1

Context Project: Programming Life

Group: PL-2 (Pantzerfaust)

User story	Task	Assignee	Estimated effort (hours)	Actual effort (hours)	Done (Yes/No/Partly)	Notes
Create the first prototype of the GUI	Build framework that accepts a DNA sequence	Faris	1.0	0.5	Yes	
	Show the sequence on the screen	Faris	2.5	3.0	Yes	
	Build a random tree generator	Faris	1.0	1.0	Yes	This has been deleted during the sprint because halfway through it wasn't needed anymore (but it was still useful for testing)
	Build framework that accepts a phylogenetic tree	Faris	1.0	2.0	Yes	
	Create animated zooming for the tree	Faris	5.0	6.0	Yes	
	Create heatmap	Faris	-	1.0	Yes	This wasn't planned, but was actually needed to really be able to show our idea of a heatmap during the presentation.
Design visual clues and algorithms to produce them	Create an overview of which algorithms we are going to use	Cas & Casper	10.0	2.0	Partly	Because of another approach introduced in the feedback session this was moved to another week
	Come up with detailed information about which datastructures are needed	Cas & Casper	10.0	0.0	No	Because of another approach introduced in the feedback session this was moved to another week
	Study things that went bad last year algorithm wise	Cas	1.0	1.0	Yes	
	Provide an interface for communication with the data and the visuals	Casper	5.0			
	Implement a first algorithm	Cas & Casper	5.0	15.0	Yes	This was split between Cas and Casper because we had to deliver fast, also we put a lot more effort in it because the algorithm was more important than originally planned.
	Create a draft of the product planning	Cas	-	2.0	Yes	Was added later
	Provide a simple parser	Cas	-	3.0	Yes	Was added later
Create Parser and API	Decide language	Justin & Wouter	3.0	3.0	Yes	After a talk with prof. Eelco, decided to settle for Java for now.
	Design Architecture	Wouter	4.0	2.0	No	Was not a top priority. We contemplated about this but no concrete implementation or framework has been built yet
	Define API	Justin	3.0	2.0	Partly	Not fully designed, not clear what is/was needed.
	Build first streaming parser	Wouter	7.0	0.0	No	Was moved to the next week as we had to focus on a working prototype.
	Find parser of data files, or build one	Justin	5.0	3.0	Partly	Checked several Newick parsers, settled for one forked by Geex. No (advanced) GFA parser yet.
Project Management	Setup Maven with Java	Wouter	4.0	3.0	Yes	Maven and modules presented some issues, making this process more difficult than expected. Originally also included setting up the CI, but that has been moved to next week.

	Setup proejct management for API (C)	Justin	6.0	2.0	No	This task is no longer relevant as we decided to first build this in java
Main Problems Encountered		Adjustments for the next Sprint				
		1. Make use of user stories in the next sprintplan				
Problem 1		2. Focus more on creating things which can be shown in the demo to get more feedback				
Description: It was hard to specify all tasks which had to be performed, because we didn't know what was the most important and at first didn't really focus on the prototype which we had to demo during the next meeting on friday						
Reaction: Focus more on the demo: make sure we can show most of the important new features so we can get feedback from the customer.						
		Motivate any adjustments that will be made for the next Sprint.				
Problem 2		1. Feedback from SE assistant				
Description:						
Reaction:						
Problem ...						
Description:						
Reaction:						