Sprint Retrospective, Iteration 2

Context Project: Programming Life

Group: PL-2 (Pantzerfaust)

User story	Task	Assignee	Estimated effort (hours)	Actual effort (hours)	Done (Yes/No/ Partly)	Notes
As a user, I must be able to load any graph in correct gfa format in order to display that graph.	Upgrade the existing parser or find another parser to accommodate annotations	Cas	5.0	8.0	Yes	Took some more time because I also added tests (did not take that into account when creating the sprint plan)
As a user, I must be able to see the whole graph in the upper-most view.	Find interesting parts of the two data-strains we want to visualize and pass them to the visualizer	Cas & Casper	10.0		No	We moved that to the next sprint
	Find algorithms for finding point-mutations and in/del mutations	Casper	-	10.0	Yes	
As a user, I must be able to zoom-in on the graph, such that a single mutation can be distinguished.	Create a bubble-making algorithm	Casper	10.0		No	We moved that to the next sprint
	Create an interface/link for the graph visualizer module to use the semantic zooming	Cas	7.0		No	We moved that to the next sprint
As a user, I should have access to documentation in order to help the understanding of the program.	Finish the roadmap part of the product planning	Cas	2.0	3.0	Yes	
	Finish the subsystem architecture document	Cas	2.0	3.0	Yes	
	Write the definition of done	Casper	-	1.0	Yes	
	Write Product Vision	Wouter	3.0	6.0	Yes	Took more time than expected because the draft version did not follow the template provided.
	Do a literature study	Wouter	3.0	5.0	Yes	Took more time than expected to find adequate source and make the reference list correct.
	Finish the Testing and Quality Control	Wouter	2.0	2.0		
As a user, I want to click to get information about nodes and scroll to zoom in	Change the zooming to work with scrolling	Faris	2.0	1.0	Partly	Only have to come up whith a nice visualization of which part is zoomed in on. This is not yet merged with dev.
	Use the edge length of the .nwk file of the phylogenetic tree in the visualization	Faris	4.0	1.0	No	I have though about how to do this, but we haven't gotten a response from the biology people about a question about what the edge length actually means, so I couldn't complete this.
	Make nodes clickable and show interesting information based on the kind of node that was clicked (ex. leaf => DNA sample name, parent => amount of children)	Faris	4.0	4.0	Partly	This took more time than expected, because the way I first intended to do it was too ugly.

User Story	Task	Assignee	Estimated	Actual	Done	Comments
As a user, I want to be able to compare two DNA samples	Create a view to compare two DNA sample sets	Faris	2.0	2.0	Yes	This has not yet been merged with dev.
	Create a framework which accepts DNA samples and visualy compares them	Faris	8.0	-	No	This was not yet possible, because Wouters task was not completed (the one below this task) and see problem 1.
	Filter a subset of DNA samples out of the graph (so a new graph for the subset is created) and collapse all nodes which aren't needed (i.e. a node with 1 out edge which goes into a node with 1 in edge)	Wouter	5.0		No	Moved to next sprint (see problem 1)
As a developer, I want a clear and productive workflow	Setup Travis for testing and static analysis checks	Wouter	3.0	4.0	Yes	
	Update readme and other github related documents	Wouter	2.0	3.0	Yes	
As a user, I want to load my data in an instaneous manner	Design persistent database structure to store the 'default' representation of the graph	Justin	5.0	-	No	Moved to next sprint (see problem 1)
	Design API and queries to provide to the GUI	Wouter	5.0	-	No	Moved to next sprint (see problem 1)
	Add at least 1 layer to allow for semantic zooming	Justin	5.0	-	No	Moved to next sprint (see problem 1)

Main Problems Encountered

Adjustments for the next Sprint

1. We will move some tasks from this week to the next sprint

Problem 1

2. Describe more concise tasks so the estimated effort can be done more accurately

Description: Forgot about documentation and organization tasks while planning

Reaction: Moved some of the programming tasks to the next sprint to make time for writing documents. This was not devastating because the client did not require a presentation and demo this week.

Motivate any adjustments that will be made for the next Sprint.

1. While planning this sprint, we forgot a little bit about the documents that had to be written, so we had to move some programming tasks to the next sprint to create time for writing documents.

Problem 2

2. This sprint we had a lot of tasks to complete, but these were not split up well enough. This made it difficult to predict the required effort for completing a task. We did not manage most tasks because of undervaluation or because of forgotten tasks (such as documentation)

Description: Misunderstood the deadline of 18.55 instead of 23.59

Reaction: We now know that the deadline for every document in this course is 18.55, so handing in late will not happen again.

Problem 3

Description: Forgot the take time for testing into account in the sprint planning

Reaction: We will now also add some time for making tests to the sprint plannning.