Sprint Retrospective, Iteration 6

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 want to be able to zoom in and out, to choose the level of detail that I see	Add (semantic) zooming through scrolling	Faris	8.0	20.0	yes	The amount of hours spent should be self-explanatory.
	Modify Bubbles to work in alignment algorithm	Faris	12.0	30.0	yes	There were a lot more bugs in the bubbling algoritms than expecteed
	Refactor and Test PhyloBubbles	Casper	8.0	8.0	partly	There is still some refactoring to be done
	Modify Bubble data types to accomodate for new bubbles and their needs	Casper	12.0	10.0	yes	-
	Create custom phylo trees that show only nodes currently in the graph, so the bubbling algorithm can use the a correct phylogenetic tree for any set of selected genomes	Casper	7.0	5.0	yes	-
	Create bubble for distinct genome paths through the graph, because sleeping more than a few hours per week is not appreciated by Thomas	Wouter	10.0	0.0	no	This ended up unnecessary when less 'random' bubbles were implemented.
	Highlight convergent evolution somehow	Wouter	10.0	1.0	no	This could not be done because debugging and trying to integrate the Mutation Bubbles took much more time
As a user, I want to be able to distinguish elements in the graph, such as mutations	Integrate Mutation Bubbles	Wouter & Cas	10.0	Wouter - 20.0, Cas - 10.0	yes	Required more time than expected. Contrary to the expectation, the code for this was nowhere near ready. Additionally, bugs in the GUI caused false positives for bugs in this code, costing extra hours of debugging
As a user I want to be able to run the program with minimal resources	Integrate Genome Mapping	Wouter	2.0	3.0	yes	A few more complex tests had to be rewritten, which caused slight delay
As a user I want to query the data to easily navigate	Add an option to search for genomes	Justin	8.0	12.0	yes	More complex than expected, but provides strong basis for other things (i.e. info about genomes, highlighting)
As a User I want to be able to look up genomes with a certain property in their metadata to easily group genomes.	Highlight genomes according to metadata	Justin	8.0	1.0 Faris, 8.0 justin	yes	Highlight is possible with search

what is on the screen. As a user I need a well-designed GUI by the property of the graph (and trae) to distinguish where you are in the data in the data in the property of the property of the property of the graph (and trae) to distinguish where you are in the data in the data in the property of the								
migherinit an implement a legend/popup to explain color coding and other what it am doing to the row what it all the series to the row what it all the row what all the row what it all th	stats about genomes by selecting them in the graph to better understand	way to see difference between two nodes / genomes /	Justin	8.0	1	no	selecting multiple genomes. Other tasks had higher priority and took	
Implement a legend/popup to explain color coding and other annotations Adjust the vertical position of nodes in the graph to better fit the customer needs (as was explained in the meeting with the Programming Life group). As a developer, I need good documentation As a developer, I need good documentation ##62 Let PMD errors be equally generated by the build and the site Update the Architecture Design Wouter & Cas 3.0 Wouter -3.0, Cas yes The cause of or this was finally expected Wouter & Cas 3.0 Wouter -2.0, Cas yes Adjustments for the next Sprint 1. Features will be smaller and more controlled. Adjustments for the next Sprint 1. Features will be smaller and more controlled. Adjustments for the next Sprint 1. Features will be smaller and more controlled. 2. Generally, no other problems were encountered and no further adjustments need be made. Motivate any adjustments that will be made for the next Sprint. 1. This adjustments that will be made for the next Sprint. 1. This adjustment than the will prevent repetition of problem 2. This is important to remain efficient and spend hours on development rather than trying to empty the ocean with a thimble. Setting inlined and an enormeous amount of changes. 2. All in all, the sprint was completed rather successfully.	As a user I need a well-designed GUI to know what I am doing	Implement a minimap of the graph (and tree) to distinguish where you are in the data	Cas	12.0	0.0	no	because the overview is already	
better fit the customer needs (as was explained in the meeting with the Programming Life group). As a developer, I need good documentation ### As a customer, I want to have a weekly demo to see the progress of my product ### Absence of Team Member Description: ### Absence of Team Member Description: ### Absence of Team Member Complex feature became detached from the main application. The phylogenetic bubbling algorithm required a lot of work and contained an enormeous amount of changes. This caused integration problems at the end of the sprint, losing many hours Setting limits in future cases and merriont the code in Setting limits in future cases and merriont the code in Setting limits in future cases and merriont the code in Setting limits in future cases and merrion the code in Setting limits in future cases and		Implement a legend/popup to explain color coding and other annotations	Justin	12.0	6.0	yes		
Update the Architecture Design		better fit the customer needs (as was explained in the	Faris	4.0	8.0	yes		
Update the Architecture Design Wouter & Cas 3.0 Wouter - 3.0, Cas yes drain laid out, but no layout and pretifying has been done yet (such as diagrams) As a customer, I want to have a weekly demo to see the progress of my product Main Problems Encountered Adjustments for the next Sprint 1. Features will be smaller and more controlled. 2. Generally, no other problems were encountered and no further adjustments need be made. Problem 1 Description: Description: The rest slept (even) less Motivate any adjustments that will be made for the next Sprint. The phylogenetic bubbling algorithm required a lot of work and contained an enormeous amount of changes. This caused integration problems at the end of the sprint, losing many hours Setting limits in future cases and merging the code in Setting limits in future cases			Wouter	1.0	1.0	yes		
Main Problems Encountered Adjustments for the next Sprint 1. Features will be smaller and more controlled. 2. Generally, no other problems were encountered and no further adjustments need be made. Description: The rest slept (even) less Motivate any adjustments that will be made for the next Sprint. Complex feature became detached from the main application The phylogenetic bubbling algorithm required a lot of work and contained an enormeous amount of changes. This caused integration problems at the end of the sprint, losing many hours Setting limits in future cases and merging the code in		Update the Architecture Design	Wouter & Cas	3.0		yes	that lacks finishing. The concepts are laid out, but no layout and prettifying has been done yet (such	
Adjustments for the next Sprint 1. Features will be smaller and more controlled. 2. Generally, no other problems were encountered and no further adjustments need be made. Due to absence of one team member, more work had to be done by the other members Reaction: The rest slept (even) less Motivate any adjustments that will be made for the next Sprint. Complex feature became detached from the main application The phylogenetic bubbling algorithm required a lot of work and contained an enormeous amount of changes. This caused integration problems at the end of the sprint, losing many hours Setting limits in future cases and merging the code in	weekly demo to see the progress of	Prepare a presentation	Wouter & Cas	2.0		yes	-	
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