TI2806 Contextproject

EWI/EEMCS
Sprint Reflection 5

Programming Life Group 4

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User story	Task	Task assigned to	Estimated number of hours	Actual effort (hours)	Priority (scale 1-5; low to high)	Done	Notes
As a user, I want to be able to put the graph in context of evolutionary relationships through phylogeny, so I can see more of the phylogeny of my DNA samples.	Highlight strains in DNA view, based on clicks on leaf nodes in the phylogenetic tree.	Jente & Piet	15	15	5	No	Clicks need to be passed to graph.
	Filter strains in DNA view, based on clicks on internal nodes in the phylogenetic tree.	Jente & Piet	15	5	4	No	
	If requested by a click in the phylogenetic tree, automatically choose and apply a color on the nodes.	Owen & Skip	4	8	4	Yes	Moved on from last week. Done by Jente.
As a user, I want to be able to cluster nodes.	Partially redesign model for cluster -> cluster edges.	Skip & Gerlof	6	18	4	Yes	Switched to absolute positioning and partially rewrote graph backend. Unfortunately this was a lot more effort than expected.
	Implement clustering of nodes.	Skip & Gerlof	10	16	4	Yes	The clustering algorithm is done. However, viewing is not efficient.
As a user, I want to know to which annotations a sequence belongs.	Explore and document possibilites for parsing, visualizing and using annotations.	Skip & Owen	10	1	4	No	
	Make sure you completely understand annotations and our graph model.	Owen & Skip & Jente & Piet	5	5	5	Yes	Make sure you do this. Mandatory.
As a user, I want to be able to interact with nodes.	Make group selection on nodes.	Jente & Gerlof	10	0	5	No	Decided not to implement this, as there is no clear use-case anymore.
	Prepare for SIG	Everyone	6	8	4	Yes	Code will be submitted on Friday.
	Rewrite OpenDialog to be in the main application instead of a separate dialog.	Piet	-	10	4	Yes	OpenDialog was too vulnerable for bugs and suffered from JavaFX discrepancies between OS's.
Main problems encountered							
Problem 1:	**Underestimation of available time**						
Description	Due to (underestimated) preparations for exams we could not do as much as planned.						
Reaction	Not all tasks were executed.						
Problem 2:	**Bugs and rewrites**						
Description	Bugs in already submitted code required us to do time-consuming rewrites.						
Reaction	We gave fixing these bugs priority over new functionality.						