TI2806 Contextproject

EWI/EEMCS
Sprint Reflection 3
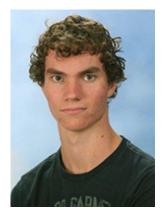
Programming Life Group 4

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Sprint Reflection #3

Programming Life 4

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 see the DNA sequences in an alignment graph.	Implement a subgraph that the database can return.	Gerlof & Skip	12	12	5	Yes	Parts of the graph are now loaded, instead of everything at once.
	Implement a topological layout for this subgraph.	Gerlof & Skip	12	20	5	Yes	Hours are cumulative (from last week too)
As a user, I want to be able to quickly distinguish nodes.	Define color palette for nodes and edges.	Owen & Jente	5	5	4	Yes	Includes research into color blindness and psychological effects of colors.
	Automatic color code of nodes.	Owen & Piet	4	3	4	No	This task depends on the backend rewrite, which is not completely finished yet. Possibilities have been explored.
	Implement different shapes for nodes.	Owen & Piet	4	0	3	No	Decided not to do this.
	Automatic color code edges.	Owen & Piet	4	2	4	No	This task depended on the backend rewrite, which is not completely finished yet. Possibilities have been explored.
As a user, I want to be able to interact with the graph to obtain different information about genome samples.	Zoom in on the graph.	Gerlof	2	4	5	Yes	
	Semantic zooming.	Gerlof & Skip	12	4	5	No	Misses the semantic clustering, however views are switched.
As a user, I want to be able to cluster nodes.	Implement clustering of nodes.	Skip & Piet	5,5	6	4	No	Querying on the graph has been implemented, which this task depends on partly.
As a user, I want to be able to interact with nodes.	Make group selection on nodes.	Jente	3	0	5	No	This task depended on the backend rewrite, which is not completely finished yet.
	Make right-click menus possible.	Jente & Piet	5	5	4	Yes	

Main problems encountered							
Problem 1:	Many tasks again where delayed because of unforeseen interdepencies						
Description	The semantic zooming task turned out to require a different architecture of the model (ModelItems). Other tasks could not be implemented before this was done.						
Reaction	Properly communicate, work with the old backend and update/rebase as needed.						
Problem 2:	Customer did not think some features were necessary						
Description	During the meeting (which was on Tuesday, hence the sprint had already started and feedback was given too late) it became apparant that some features we thought were necessary turned out to be not required by the customer.						
Reaction	Drop these tasks.						