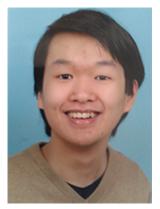# TI2806 Contextproject

EWI/EEMCS
Sprint Reflection 7

Programming Life Group 4

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Sprint Reflection #7

User story	Task	Task assigned to	Estimated number of hours	Actual effort	Priority (scale 1-5; low to high)	Done	Notes
As a user, I want to be able to navigate the phylogenetic tree.	Increase the node and edge sizes (dynamically) in the phylogenetic tree	Jente	3	0	3	No	
	Make the tree persistent across sessions	Piet & Jente	12	12	4	Yes	Only needs incorporation with the welcome screen.
	Add functionality to support the UI's "jump to" feature	Jente & Piet	10	1	4	No	
As a user, I want to be able to load a graph	Color all clusters, or indicate why some are not colored	Gerlof	8	0	3	No	
	Step-wise clustering to decrease the amount of redraws	Gerlof & Skip	15	0	4	No	
	Implement batchinsertion, for faster startup and less memory usage.	Gerlof & Skip	20	15	5	Yes	Turned out to be not too difficult to implement
As a user, I want to have a semantic zoom, so that I only see the information relevant at the zoom level	Draw edges to nodes that are not in view at the moment	Gerlof & Skip	5	10	3	Yes	
	Make the interestingness factor extendable and customizable	Gerlof & Skip	10	20	5	Yes	It was hard to come up with a nice solution.
	Identify and assign a score to mutations on annotated genes	Skip & Piet	10	0	4	No	
	Make clusters bigger and draw more relevant information inside them	Jente	3	3	4	No	Decided not to do this, due to limited room for content
As a user, I want to know to which annotations a sequence belongs.	Draw annotations on the top level view	Jente & Piet	20	30	5	Yes	Drawn, but the customer was not satisfied with the result. Skip & Gerlof spent 15 hours in addition on implementing the necesary backend features for this.
As a user, I want to work with a pleasant user interface	Set zoom bounds on the views	Owen	5	5	4	Yes	
	Center the top level view	Owen	5	0	2	No	Due to displaying annotations instead of the black rectangle, this task became obsolete
	Apply nice CSS to DNAinator	Piet & Owen	7	3	3	No	Primarily experimenting, not satisfied with styles yet.
	Improve the welcome screen	Jente & Owen	7	15	4	Yes	Was much more work than expected.
	Add a reset-zoom button	Piet	1	2	4	Yes	Also added reset pan button
	Set a better initial zoom level	Owen	1	1	2	Yes	
	Add jump-to functionality	Owen	5	6	5	No	Small finishing touches need to be done.
	Add other controls to interact with the views	Owen	5	5	4	Yes	Stepper is in place, not fully working. Jente helped out.
As a user, I want to know to which annotations a sequence belongs.	Parse known drug resistance annotations	Owen	5	0	2	No	
Problem 1:	**Annotations turned out to be way more complex than anticipated**						

Description	Drawing annotations was expected to be difficult, but the sheer size of the data made it even harder than anticipated. We have a solution, but the customer indicated it is too chaotic and needs to be thought over again.						
Reaction	Several meetings with the group to discuss implementations						