

# TI2806 Contextproject

EWI/EEMCS

Sprint plan 8

Programming Life Group 4

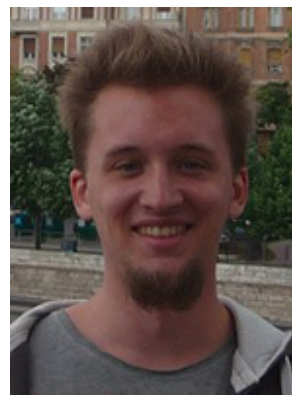
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## Sprint Plan #8

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*Programming Life 4*

User story	Task	Task assigned to	Estimated number of hours	Priority (scale 1-5; low to high)	Notes
As a user, I want to be able to navigate the phylogenetic tree.	Make the tree persistent across sessions	Piet & Jente	10	4	Attach to renewed welcome screen.
As a user, I want to be able to load a graph	Color all clusters, or indicate why some are not colored	Piet	10	3	
	Step-wise clustering to decrease the amount of redraws	Gerlof & Skip	15	4	
As a user, I want to have a semantic zoom, so that I only see the information relevant at the zoom level	Identify and assign a score to mutations on annotated genes	Skip & Piet	15	4	
	Identify and assign a score to nodes with multiple independent evolutions in the phylogeny	Skip & Gerlof	15	4	
	Identify and assign a score to known drug resistance mutations	Skip & Gerlof	15	5	
	Show the importance of a node, based on its interestingness score	Jente & Skip	10	4	
	Solve nodes and edges moving around between redraws	Jente & Gerlof	10	4	
	Draw a minimap	Jente & Piet	20	5	Determine which annotations to draw, since we can't draw all of them (e.g. don't draw the "hypothetical protein" ones)
As a user, I want to work with a pleasant user interface	Apply nice CSS to DNAinator	Owen	10	3	Moved on from last week.
	Add jump-to-functionality	Owen & Jente	5	5	Moved on from last week.
	Add help menu for hotkey bindings	Owen	1	4	Customer indicated that it is helpful to have this. Must be on hotkey f1.
	Update and implement property pane	Owen	10	2	
As a user, I want to know to which annotations a sequence belongs.	Parse known drug resistance annotations	Owen & Skip	10	2	Moved on from last week.
<b>Justification of priorities</b>					
As it is the final week, we picked the most important missing features and gave those high priority. Most important is based on the must haves that the customer specified. Other nice to haves have been given lower priority.					