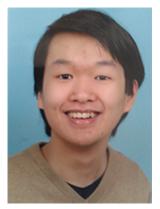# TI2806 Contextproject

EWI/EEMCS
Sprint plan 3

Programming Life Group 4

May 8, 2015

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<table>
<tr><td colspan="6" align="center">**Sprint Plan #3**</td></tr>
<tr><td colspan="6" align="center">*Programming Life 4*</td></tr>
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User story	Task	Task assigned t	Estimated number of hours	Priority (scale 1-5; low to high)	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	5	Sorting is implemented, but laying out nodes is not finished yet
	Implement a topological layout for this subgraph.	Gerlof & Skip	12	5	
As a user, I want to be able to quickly distinguish nodes.	Define color palette for nodes and edges.	Owen & Jente	5	4	Includes research into color blindness and psychological effects of colors.
	Automatic color code of nodes.	Owen & Piet	4	4	
	Implement different shapes for nodes.	Owen & Piet	4	3	
	Automatic color code edges.	Owen & Piet	4	4	
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	5	
	Semantic zooming.	Gerlof & Skip	12	5	
As a user, I want to be able to cluster nodes.	Implement clustering of nodes.	Skip & Piet	5,5	4	
As a user, I want to be able to interact with nodes.	Make group selection on nodes.	Jente	3	5	
	Make right-click menus possible.	Jente & Piet	5	4	
Justification of priorities					
The unfinished tasks of the previous sprint require urgent attention. Therefore the priority scales to 4-5 for these tasks. Additionally everything related to drawing the graph has a high priority as well, since future tasks depend on this.					