

User story	Task	Groupmember responsible	Assignee	Estimated effort (hours)	Priority (1 low - 5 high)
As a user, I must be able to see the whole graph in the upper-most view.	Find interesting parts of the two data-strains we want to visualize and pass them to the visualizer	Casper	Cas & Casper	10.0	3
	Find a clever way to make a bubble of non-interesting mutations	Cas	Cas & Casper	7.0	3
As a user, I must be able to zoom-in on the graph, such that a single mutation can be distinguished.	Create a bubble-making algorithm	Casper	Casper	10.0	4
	Create an interface/link for the graph visualizer module to use the semantic zooming	Cas	Cas	7.0	3
	Create an interface/link for the data-server	Cas	Cas	5.0	2
	Add at least 1 layer to allow for semantic zooming	Justin	Justin	5.0	3
As a user, I want to click to get information about nodes and scroll to zoom in	Finish the clickable node visuals (the part which wasn't completed last week)	Faris	Faris	1.5	2
	Use the edge length of the .nwk file of the phylogenetic tree in the visualization	Faris	Faris	4.0	2
As a user, I want to be able to compare two DNA samples	Create a framework which accepts DNA samples and visually compares them	Faris	Faris	8.0	4
	Filter a subset of DNA samples out of the graph, so that a new graph for the subset is created	Wouter	Wouter	6.0	5
As a user, I want a reliable user interface with as few bugs as possible	Test the most important parts of the GUI (which will most likely not change much)	Faris	Faris	4.0	5
As a developer, I want to have a good workflow and integration infrastructure	Find bottlenecks in build process and fix these	Wouter	Wouter	2.5	1
	Add Maven Site to Github Pages	Wouter	Wouter	2.0	1
	Add unit test coverage on existing code	Justin	Justin	4.0	1
As a user, I want to load my data in an instantaneous manner	Design persistent database structure to store the 'default' representation of the graph	Justin	Justin & Wouter	8.0	5
	Design API and queries to provide to the GUI	Wouter	Wouter	8.0	4
	Setup Streaming Framework to support streamed parsing	Justin	Justin	7.0	5
	Research best option for server and client to communicate.	Justin	Justin	2.0	1