

User story	Task	Groupmember responsible	Assignee	Estimated effort (hours)	Priority (1 low - 5 high)
As a user, I must be able to load any graph in correct gfa format in order to display that graph.	Upgrade the existing parser or find another parser to accommodate annotations	Cas	Cas	5.0	3
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	4
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
As a user, I should have access to documentation in order to help the understanding of the program.	Finish the roadmap part of the product planning	Cas	Cas	2.0	3
	Finish the subsystem architecture document	Cas	Cas	2.0	2
	Finish the Testing and Quality Control	Wouter	Wouter	2.0	2
As a user, I want to click to get information about nodes and scroll to zoom in	Change the zooming to work with scrolling	Faris	Faris	2.0	4
	Use the edge length of the .nwk file of the phylogenetic tree in the visualization	Faris	Faris	4.0	4
	Make nodes clickable and show interesting information based on the kind of node that was clicked (ex. leaf => DNA sample name, parent => amount of children)	Faris	Faris	4.0	2
As a user, I want to be able to compare two DNA samples	Create a view to compare two DNA sample sets	Faris	Faris	2.0	3
	Create a framework which accepts DNA samples and visually compares them	Faris	Faris	8.0	3
	Filter a subset of DNA samples out of the graph (so a new graph for the subset is created) and collapse all nodes which aren't needed (i.e. a node with 1 out edge which goes into a node with 1 in edge)	Wouter	Wouter	5.0	1
As a developer, I want a clear and productive workflow	Setup Travis for testing and static analysis checks	Wouter	Wouter	3.0	5
	Update readme and other github related documents	Wouter	Wouter	2.0	2
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	5.0	5
	Design API and queries to provide to the GUI	Wouter	Wouter	5.0	4
	Add at least 1 layer to allow for semantic zooming	Justin	Justin	5.0	2