

User story	Task	Groupmember responsible	Assignee	Estimated effort (hours)	Priority (1 low - 5 high)
As a user I want to be able to zoom in and out, to choose the level of detail that I see	Add (semantic) zooming through scrolling	Faris	Faris	8.0	5
	Modify Bubbles to work in alignment algorithm	Faris	Faris	12.0	5
	Refactor and Test PhyloBubbles	Casper	Casper	8.0	5
	Modify Bubble data types to accomodate for new bubbles and their needs	Casper	Casper	12.0	4
	Create custom phylo trees that show only nodes currently in the graph, so the bubbling algorithm can use the a correct phylogenetic tree for any set of selected genomes	Casper	Casper	7.0	1
	Create bubble for distinct genome paths through the graph, because sleeping more than a few hours per week is not appreciated by Thomas	Wouter	Wouter	10.0	4
	Highlight convergent evolution somehow	Wouter	Wouter	10.0	3
As a user, I want to be able to distinguish elements in the graph, such as mutations	Integrate Mutation Bubbles	Wouter	Wouter	10.0	5
As a user I want to be able to run the program with minimal resources	Integrate Genome Mapping	Wouter	Wouter	2.0	1
As a user I want to query the data to easily navigate	Add an option to search for genomes	Justin	Justin	8.0	3
As a User I want to be able to look up genomes with a certain property in their metadata to easily group genomes.	Highlight genomes according to metadata	Justin	Justin	8.0	4
As a User I want to be able to see stats about genomes by selecting them in the graph to better understand what is on the screen.	Show annotations in more versatile ways, including a way to see difference between two nodes / genomes / elements	Justin	Justin	8.0	5
As a user I need a well-designed GUI to know what I am doing	Implement a minimap of the graph (and tree) to distinguish where you are in the data	Cas	Cas	12.0	2
	Implement a legend/popup to explain color coding and other annotations	Justin	Justin	12.0	5

	Adjust the vertical position of nodes in the graph to better fit the customer needs (as was explained in the meeting with the Programming Life group).	Faris	Faris	4.0	3
As a developer, I need good documentation	#62 Let PMD errors be equally generated by the build and the site	Wouter	Wouter	1.0	1
	Update the Architecture Design	Wouter	Wouter	3.0	3
As a customer, I want to have a weekly demo to see the progress of my product	Prepare a presentation	Wouter	Wouter	2.0	5