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User story	Task	Groupmember responsible	Assignee	Estimated effort (hours)	Priority (1 low - 5 high)	In Progress	Testing	In Review	Done
As a user, I want to be able to deactivate the use of bubbles based on the phylogenetic tree and activate bubbles based on the structure of the graph	Implement a toggle to include/exclude the phylogeny in the bubbling algorithm	Casper	Casper	12	5				
As a user, I want to be able to determine convergent evolution	Highlight the genomes going through a node in the tree	Justin	Justin	8	2				
As a user, I want to search for genes	Implement a search through the reference genome for occurrences of the genome	Wouter	Wouter & Justin	15	3				
As a user I want an informative overview	Add lineages colors to the edges in the graph	Faris	Faris	10	4				
	Implement multiple heatmaps for the phylogenetic tree	Faris	Faris	8	3				
	General layout improvements (better information alignment, better usability on lower resolutions, update the legend, add more information to gui elements which are hard to understand, etc)	Faris	Faris & Justin	10	4				
As a user, I want a robust application that remains functional	Look for hidden and unknown bugs in the application	Cas	Cas	7	2				
As a user I want a high-contrast application to better notice clues from the GUI	Change the background colours	Faris	Faris & Justin	7	5				
	Change the way that genomes in the tree are highlighted so that it is clearer (add a white line in the middle)	Faris	Faris & Justin	3	3				
As a user, I want a well- documented project, so that I can build upon the development and innovation made.	Write draft for final report 1/3	Cas	Cas	10	3				
	write draft for final report 2/3	Casper	Casper	5	3				
	write draft for final report 3/3	Wouter	Wouter	5	3				
	Update and finalize Architecture Design	Justin	Justin	10	5				
	Review final report and architecture design	Wouter	Wouter	5	2				
	Prepare presentation	Cas	Cas	10	5				
As a customer, I want a product that fits my user needs	Execute the Interaction Design experiment	Faris	Faris	8	2				