Sprint Plan 8

User Story	Task	Member responsible for the task	Task Assigned To	Estimated Effort per Task (in hours)	Priority (A—E) (A is highest)
As a user, I want to have mutations visualized	Calculate mutations on the fly	Jeffrey	Jeffrey	16	B
	Make mutations visible	Matthijs	Matthijs, Jeffrey	6	B
	Make sure mutation visibility is based on zoom level	Matthijs	Matthijs, Jeffrey	2	B
As a user I want to make sure the program is responsive	Make zooming view draggable	Thomas	Thomas	8	A
	Smooth zooming	Thomas	Thomas	6	B

	Create zoom button as alternative for scroll wheel	Thomas	Thomas	1	C
As a user, I want to be able to search on annotations	Create a search bar for genome features	Thomas	Thomas	6	C
As a user I want to be able to see which ribbon belongs to which genome	Make legend on y coordinates	Matthijs	Matthijs	6	B
	Show meta-data on mouse over legend	Matthijs	Matthijs	6	C
As a user, I want to have a intuitive way of selecting the genomes from the phylogenetic tree.	Change heat map phylogenetic tree	Thomas	Thomas	3	E
	Create a list view of the selected genomes	Thomas	Thomas	2	C
As a user, I want to have a clear view of the genome	Make sure x-coordinates are accurate	Matthijs	Matthijs	10	A

	Make minimap clearer	Matthijs	Matthijs	5	A
As a user I want the program to be fast, even with large datasets	Finish coupling to database	Youp	Youp	10	A
	Refactor certain classes to better suit the database structure	Youp	Youp	15	A
	Implement caching algorithm	Youp	Youp	8	C
As a user I want to be able to query the graph to derive useful information.	Come up with a good algorithm to detect convergent evolution.	Kasper	Kasper	15	B
	Implement the algorithm to detect convergent evolution.	Kasper	Kasper	15	B
	Convergent evolution viewing in the GUI.	Kasper	Kasper	5	B