Sprint Plan 7

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 be able to see the strands when zoomed in and mutations when less zoomed in	Make algorithm to recognize mutations (SNP, duplications)	Jeffrey	Jeffrey	10	B
	Make algorithm to recognize mutations (inversions)	Jeffrey	Jeffrey	10	C
	Visualize mutation in an intuitive way	Jeffrey	Jeffrey	5	A

As a user I want the program to be fast, even with large datasets	Get the Spring framework up and running	Youp	Youp	8	A
	Change constructors from database	Youp	Youp	4	B
	Finish coupling to database	Youp	Youp	4	B
	Implement caching algorithm	Youp	Youp	12	B
As a user I want a user-friendly program	Make zooming view draggable	Thomas	Thomas	6	C
As a user I want to navigate and select genomes from the Phylogenetic tree in an easy way	Visualize the phylogenetic tree	Thomas	Thomas	8	A
	Collapse the phylogenetic tree	Thomas	Thomas	8	B

	and give a heatmap				
	Make the phyogenetic tree user-friendly	Thomas	Thomas	4	C
As a user, I want a cleanly visualized graph	Refine bubble-collapsing algorithm	Matthijs	Matthijs	8	A
	Fine tune y-coordinates	Matthijs	Matthijs	5	C
As a user I want to visualize the semantic context of the zooming level	Labels should be different based on zoom level	Matthijs	Matthijs	4	B
	Visual information should be different based on zoom level	Matthijs	Matthijs	3	B
	Implement annotations	Kasper	Kasper	20	C

	Create a bookmark system	Kasper	Kasper	4	B