Sprint Plan

Programming Life Team 1 | **Sprint 3** | **Week 4.4** | *Final version after the customer meeting.*

Requirement/Story	Task	Task assigned to *name(s)*	Estimated effort per task *hours*	Notes
Enable us to interactively explore a sequence graph representing the genome architecture of multiple strains.	Orientate on visual aspects of nodes.	Chak Shun	3	Decide what colors to use and on how visual aspects will contribute to a better understanding on the visual representation.
	Implement the visual aspects.	Chak Shun	7	Implement the concepts we came up with.
	Implement visual interaction via the user interface.	Maarten	4	
As a user, I want to be able to interact with the data.	Orientate on different layouts of the user interface.	Marissa, Maarten	3	Prepare options for the customer to choose or get inspriration from.
	Improve the existing basic user interface.	Maarten	5	Integrate graph view.
Provide semantic zooming to enable useful visual interpretation at various zoom levels from whole-genome to individual mutations.	Refine semantic zoom level for amino acids.	Justin, Mark	5	Develop an algorithm to convert a graph representing nucloids into a graph representing amino acids.
	Implement semantic zoom level for joining small point mutations.	Justin, Marissa	7	
As a user, after the first loading of the data, I want to be able to load the data more quickly.	Implement a new file format for storing importation generated graph data.	Mark	7	Orientate on the serializability of the graph.