Sprint Reflection *Programming Life Team 1* Week 4.1 Sprint 1

Requirement/Story	Task	Actual time spent					Estimated time	Done	Notes
		Chak	*Justin*	*Mark*	*Marissa*	*Maarten*	*hours*	*y/n*	
As a customer I want a crude visual representation of the graph data.	Process the provided graph data into a data structure	-	-	2,0	3,0	-	3	yes	
	Find a suitable library for representing graphs and use it to represent the graphs	-	-	7,0	7,0	-	4	yes	We have a visual representation, but it is not what we want it to be yet.
Put the graph in the context of the evolutionary relationship between bacteria.	Orientate on processing phylogenetic trees	-	9,0	-	-	6,0	3	yes	Liberaries for the specific format are hard to find. We eventually found one, adapted it, and used it for parsing and as a data structure.
	Orientate on the different representations of the phylogenetic tree	-	-	-	-	4,0	3	yes	Tried multiple tree visualization liberaries. Most of them are pretty complicated for such a basic tree (graph).
As a customer, I want the developers to have knowledge on the domain.	Attend the lectures given by the customer	6,0	6,0	6,0	6,0	6,0	5×6	yes	
	Study slides, videos, literature, ...	2,0	1,0	1,0	1,5	1,5	2	yes	
Provide semantic zooming to enable useful visual interpretation at various zoom levels from whole-genome to individual mutations.	Orientate on what kind of semantic zoom levels will be useful	4,0	-	-	-	-	3	yes	Currently thought of 3 semantic levels, but they are only on a nucleotide level. Need to look at the bigger picture.

Main Problems and Adjustments

Problem 1 - Time planning

Description Overestimation of the resources available

Effect Inaccurate estimated time planned

Improvement Since this subject has not been fully explored, we should not assume that a fitting solution to our needs is always available