

### Sprint reflection of sprint #3 – Programming Life Group 3

User Story	Task	Assigned To	Estimated effort (1-5) 5 = highest	Priority (1-5) 1 = highest	Actual effort (in hours)	Done	Done by	Actual outcome
<i>Stakeholders and developers need to have a clear understanding of the roadmap of development</i>	Create the final version of the product planning document	Mathieu (all)	3	1	2	Y	Mathieu	
<i>Stakeholders need to have assurance of the build quality of the software</i>	Create a draft for the Emergent Architecture Design document	Tom (all)	3	2	3	N	Tom	Almost done
<i>Users need to have a clear visual representation of the genome data in a graph</i>	Bind the scrollbar to the currently displayed part of the genome	Sam	2	4	?	Y	Kasper	
	Display the base pairs in the nodes	Sam	3	3	2	Y	Sam	Graphstream does not support long labels or selection of labels. We discovered that it was an unwanted future so we did not pull it into the master.
<i>Users need to be able to zoom the graph to level 4, so they can view a very specific part of the sequence</i>	Determine a visual look for the nodes in this zoom level	Sam	2	2	?	N		Postponed after feedback
<i>Users need to be able to filter the different genomes so they can view a subset of all genomes</i>	Create a selector element that allows selection of genomes	Tom (Boris)	2	3	?	Y	Boris	
<i>Users need to have an overhead view of all data in the graph</i>	Create a scrollbar and allow selection of a part	Kasper (Mathieu)	4	1	?	Y	Kasper	
	Mapping of graph to scrollbar	Kasper (Mathieu)	2	2	?	N		Postponed after feedback
<i>Users need to have a way to see which segments of data map to genes</i>	Colour the parts of the genome that map to genes	Boris (Tom)	4	2	?	N		Postponed after feedback
	Deduce the positions of genes in the graph	Tom (Boris)	3	3	?	N		Postponed after feedback

Tasks given after feedback on Tuesday:

<i>As an user, I want to zoom the graph to "Level 2", so I can oversee a bigger part of the graph while its information is still available...?</i>	Move the responsibility of positioning out of the DataNodes	Sam		3	2	Y	Sam	
	Implementing combine algorithms, required for our 2nd and 3th zoom level.	Sam		3	20	Y	Sam	
<i>Users need to have an overhead view of all data in the graph</i>	Implement keyboard controls for zooming and moving through the graph	Kasper		3	?	Y	Kasper	
<i>As a user, I want to load my data into the program, so that I can display my data.</i>	Fix on file loading	Tom		3	4	Y	Tom	

**Notes explaining the actual outcome:**

After feedback on our work and planning on Tuesday during our TA meeting, some stories changed in priority on the backlog or were removed from the backlog.

Our progress this sprint is not all pulled to the master yet, because there was no time for reviewing pull requests in this short week and the change of the sprint.

**A description of main problems encountered and the reaction implemented to face them**

- After our feedback our current sprint plan became useless. In response we postponed unimportant stories and added some requested stories from our backlog.
- Due to the holiday not everyone was present at the end of our sprint, which made, which left holes in our sprint plan.

**Adjustments for the following sprint plan**

- In our coming sprints, we should be prepared for potential changes in the planing.
- In the future we should share all our progress as soon it is done, so our sprint reflection will be complete.
- In the future we should plan and assign people to handle pull requests.