

Sprint Retrospective, Iteration #7

Context Project: Programming Life

Group: desoxyribonucleïnezuur

User Story #	Task #	Done by	Estimated Effort per Task (in hours)	Actual Effort per Task (in hours)	Done (yes / no)	Notes
Annotations	Parse genomes	Ivo	5	8	Yes	Took longer than expected, and was implemented more detailed than needed
	Create interface for annotation datastructure	Ivo	2	2	Yes	
	Create open genome in GUI	Yannick	1	1	Yes	
	Show annotations on nodes	-	5	0	No	This was not implemented because we first needed to switch to canvas and be able to search on genome+coordinate
	Search / filter annotation data	Toine	8	2	No	This was not implemented because we ran out of time
Adapt to the use of canvas / dynamic loading	Adapt the pan and zoom for canvas, this excludes dynamic zooming	Yannick / Martijn	5	8 (3 Yannick / 5 Martijn)	No	Pan and zoom works different on a canvas than a group. We had to figure out a new way to implement this, and unfortunately we couldn't find the correct way to do so as of now
	Create the drawing structure for canvas	Yannick / Martijn	12	30 (10 Yannick / 20 Martijn)	No	We ran into a lot of problems in combination with pan and zoom. A lot of errors and problems kept showing up. We do however have some sort of dynamic panning, but we will still need more time to implement this
	Set up for canvas	Iwan	3	3	Yes	
	Create the onclick for canvas nodes	Yannick	8	2	No	Decided it was not worth the time for now as the drawing with other tasks had to be better before working on this
	Implement dynamic zooming	Yannick / Martijn	8	4	No	Same as the other taks in this user story. We couldn't figure out how to solve this in a clean and orderly manner
	Dynamic loading (try 2)	Iwan / Martijn	0	6(Iwan) / 2 (Martijn)	No	This was a last minute discard everything try clean again which ended up to be working the best for now. It is not finished because it still needs a lot of work
	Dynamic loading (backend, not in the view)	Ivo	10	10	No	It is really hard, see problems below
Refactor / Update code	Refactor data structure	Toine	13	10	Yes	
	Refactor the handling of recent files	Yannick	2	2	Yes	
	Clean up/ Refactor the code at the end of the week	Yannick	2	2	Yes	
	Further improve the GUI	Yannick	2	2	Yes	
Create tests	BookmarkControllerTests + Fixes	Iwan	8 (over all tests)	4	Yes	
	Genome on edge test	Toine/Iwan	0	5	Yes	
	GraphParser testing	Toine/Iwan	0	2(Toine)/ 1(Iwan)	Yes	
	SubGraphTest	Iwan	0	8	No	These tests are in the Canvas branch and the SubGraph is still under construction so the tests are not finished yet.
	BookmarkTests	Iwan	0	2	Yes	
	NumbersOnlyListenerTest	Iwan	0	1	Yes	
	GenomeGraphTest + fixes	Iwan	0	4	Yes	
	Update the GuiControllerTest	Yannick	1	1	Yes	
	review pull requests	Everyone	10	10	Yes	
	Meeting + plenary meeting	Everyone	5	5	Yes	
	Take Notes of other meetings	Ivo	1	1	Yes	
	Project skills	Everyone	15	15	Yes	
	Create the basis of a minimap	Yannick	2	2	Yes	
	Improve genome on edge calculation	Toine/Iwan	0	6	Yes	
	Fix parse tests	Toine	1	0.5	Yes	
	Discuss and resolve project problems	Everyone	0	20	Yes	Group discussions happen spontaneously and cannot be planned for.
	Create retrospective and project board	Everyone	10	7.5	Yes	
	Improve cache path resolution	Toine	1	2.5	Yes	

Problems this week:

Dynamic loading is really difficult to achieve

How to solve this: not, it will continue being hard. We will continue to work on this, and we have put priority A on every task that has to do with this.

Our focus next week will mostly be on achieving these functions and to make sure it works near perfect