Sprint Retrospective, Iteration # 2

Context Project: Programming Life

Group: desoxyribonucleïnezuur

User Story #	Task #	Task Done by	Estimated Effort per Task (in hours p.p.)	Actual Effort per Task (in hours p.p.)	Done (Y / N)	Notes
As a user, I want a GUI, so that I can use it like a "normal" application When I start the program Then a new window is opened for the program And there is a simple instruction on how to open files in the main area* * something like: "choose "file → open" in the top left corner to open a file".	The possibility to select a file from inside the GUI	Yannick	1	1	Y	
	The possibility of opening a window from where the program can be used.	Yannick	3	3	Y	
	Clicking on node for information	Toine & Iwan	8	5	Y	Mostly rewriting the draw method but with rectangles instead of strokeRectmethod.
	Console on the side	Toine	5	2	Y	Easier than expected
	Select amount of nodes to draw	Toine & Iwan	1	1	y	
	Clicking on edge for information	Toine	5	2	y	
As a user When I launch the application I want to be able to **load** a Graphical Fragment Assembly (GFA) file.	improved parser (finish from last sprint)	Toine & Ivo	2	2	y	We used a library with try-catch around Lambda to fix it. Not a pretty solution, but definitely one of the better ones.
	Being able to start parsing the file that has been selected.	Toine	0,5	0,5	Y	
As a user, I want to be able to load a file. Then I want it to be parsed. Then I want to be able to see a **visual representation** of (parts) of the file.	Displaying the nodes / segments	Martijn, Toine, Yannick, Iwan	8	12	Y	
	Display links between segments	Martijn, Toine, Iwan	4	6	Y	
	Start drawing the graph from inside the GUI	Toine, Yannick	3	4	Y	
	Change the size of the node depending on the amount of base pairs	Toine, Martijn, Iwan	1	1	Y	
	Connect nodes through links without errors	Toine, Martijn, Iwan	4	6	N	We have not yet completed this task yet. This will be pushed back to next week's sprint. This time is part of the task: Displaying the nodes / segments
As a student, I want to attend the context project lectures.	Attend Interaction Design	All	4	4	Y	
	Attend Costumer meeting	All	1	1	Y	
	Attend other customer meetings	Iwan	1,5	1,5	Y	
As a customer, I want to have a product vision documents, and product planning document.	Finish the product planning document	Iwan	5	1	Y	
	Finish the product vision document	Ivo	5	10	Y	It took very long to find the sources and relevant APA standards (meeting/presentation/seminar hybrid)
	Review both documents	Ivo, Martijn, Iwan	1	1	Y	
Misc	Static analysis tools: cobertura	Ivo, Toine	1	1	Y	
	Static analysis tools: Sonar	Ivo	2	3	N	Ivo ran into some problems, after which we decided that it did not have enough priority to continue working on until the visualization and such worked.
	Do something with + in links	none	2	0	N	Deemed not important for this sprint. We will look into this in a later sprint.
	Implement panning and zooming	Yannick	0	5	Y	This feature was not part of the product backlog, but was implemented as a helper feature for debugging visualisation
	Implement a logger	Martijn	3	1	N	The logger will not be implemented from scratch. Instead, we wil use java.util.logger. This will be implemented at a later time.

Main Problems Encountered

It took longer than expected to visualise the graph.

Description: We underestimated the amount of time it would take to implement this. This is partly, due to changing our javafx canvas to groups.

Reaction: Next sprint, we will have a meeting with everyone to make sure we know how to handle the datastructure and file management before the sprint.

It was unclear how much time each individual spent per task.

Description: If multiple people worked on a single task, it was unclear how much time each individual actually spent on that task.

Reaction: Next sprint, we will better indicate pair programming time, and distribute tasks accordingly. After closing each issue, every assigned member should comment their time spent on that issue. Furthermore, members must assign themselves when, not already assigned, and working on an issue.

Adjustments for the next Sprint

Next sprint, we will first have a meeting / brainstorming session on how to best tackle the problems of this sprint, so that we can work more efficiently, and more accurately estimate the time required for certain tasks. Time spent will be better documented during the sprint.