DNA is Not an Acronym

Sprint Retrospective, Iteration #2

User Story	Task	Member responsible for the task	Task Assigned To	Estimated Effort per Task *(in time units)*	Actual Effort per Task *(in time units)*	Done *(yes / no)*	Notes
As a developer, I want a console to display **useful debug information**	Implement console window	Niels	Niels	5	6	Yes	
As a developer, I want the **graph** to be drawn using **primitives**	Create a simple JavaFX canvas with methods for drawing simple shapes	Joël	Joël	3	3	Yes	
	Create wrapper class for JavaFX canvas to link it to the data structure	Joël	Georgios Joël	8	8	Yes	
As a user, I should be able to scroll through the data structure	Create wrapper class for JavaFX canvas to link it to the data structure	Joël	Georgios Joël	2	1	Yes	

As a user, I want edge and node **metadata** to be **parsed lazily**	Load metadata of edges on-demand	Casper	Casper	2	2	Yes	
	Load metadata of nodes on-demand	Casper	Casper	2	2	Yes	
As a user, I want to be able to **zoom** in and out of the **graph structure**		Joël	Joël	2	1	No	We have a simple version of zooming that allows adjusting the width of nodes, but it is not advanced enough to be marked as done.
As a user, I want to see a list of my **recently opened files** and be able to open them directly	Save recently opened GFA files	Georgios	Georgios	3	5	Yes	
	Show recently opened GFA files in UI	Georgios	Georgios	2	2	Yes	
As a user, I want the segments to be laid out without overlap *End responsible: Felix*	Implement FAFOSP for X-positioning	Felix	Felix	8	11	Yes	
	Implement FAFOSP for Y-positioning	Felix	Felix	5	8	Yes	
	Use FAFOSP results to place segments	Georgios	Joël Niels Georgios	3	3	Yes	
As a developer, I want the application to store a representation of the GFA files in an **efficient data structure**	Implement data structure	Niels	Niels Casper	8	8	Yes	
	Parse GFA files to new data structure	Casper	Casper	3	4	Yes	

End responsible: Casper							
As a developer, I want to have proper **build tools and continuous integration**, in order to get confidence that the developed features actually work	Set up a dependency injection framework	Casper	Casper	3	0	No	This was a task with low importance, which we decided to move to the next sprint

Main Problems Encountered

Problem 1

Description: Implementing FAFOSP took longer than expected because it contained a major bug

Reaction: We had to spent more time on this, but still managed to not let it interfere with the delivery of other features. It's to account for things that take more time than expected, there isn't too much we can improve. However, for error-prone features like this, we will make sure to plan more time.

Problem 2

Description: We didn't fully implement zooming as we forgot to make a concrete task for this feature.

Reaction: We added a simple type of zooming, and moved the feature to the next sprint.

Adjustments for the next Sprint

- While Todos on the Project Board were kept up-to-date fairly well, the Features were not. Features should be closed and moved to the Done column as soon as they are done.
- Start working on features with highest priority, sometimes we did some lower priority features earlier than high priority issues.