Sprint Retrospective, Iteration # 2

Context Project: Programming Life
Group: 101010

User Story #	Task #	Task Assigned To	Estimated Effort per Task *(in hours)*	Actual Effort per Task *(in hours)*	Done *(yes / no)*	Notes
The user wants to be able to see a visual representation of DNA sequences.	Create a GUI for displaying graphs	Michael, Jochem	Michael= 5 Jochem=5	Michael=4 Jochem=4	No	Although the GUI is capable of showing information of actual nodes and loading files from directory, because the layout could not be drawn correctly, the graph can't be shown in this release.
	Efficiently layout the nodes of the graph	Jochem, Martijn & Michael	Jochem=10 Michael=10 Martijn=2	Jochem=6 Michael=5 Martijn=2	No	So, after doing some searching in bandage we thought that using force directed layout algorithm was the way to go but this is wrong. All work done here is obsolete.
	Draw the nodes and edges in the GUI	Martijn	6	6	No	Researched how to draw nodes in the GUI, but since the layout of the nodes could not be determined, the nodes could not be drawn correctly, so this is not implemented in the current version.

The user does not want to have long waiting times when using the program	Create an efficient datastructure	Tycho, Dex	Tycho=3 Dex=4	Tycho=5 Dex=5	Yes	Maybe not efficient enough yet.
	Creating Tests for datastructure	Tycho, Dex	Tycho= 2 Dex= 1	Tycho=2 Dex=2	No	
	Implement a database that can efficiently lookup info of nodes	Tycho, Dex	Tycho=10 Dex=10	Tycho=20 Dex=20	Yes	Estimation was way off here, which caused the tasks not to be split well. More focus needed on estimating in next sprint!
The user wants to be able to select his own file to work with in the application	Make it possible to choose a file from a directory	Martijn	5	5	Yes	The application does not yet use the selected file, since the visualization does not work yet.
The customer wants to know how the development team envisions the product.	Write finished version of the product vision and product planning	Martijn	5	4	No	Since the feedback on the draft was not published before the final deadline, a new final version will need to be made taking the feedback into account.
The user wants assurance that the software is of sufficient quality	Configure checkstyle/pmd/findbugs	Martijn	1	0	No	This task was set aside for the other tasks because they had more priority.

Main Problems Encountered

Problem 1
Problem: Communication was a problem again. We come together every day to work together, but there is no structure and nobody knows what the rest is doing, causing major problems in the project and making it difficult to use somebody else's features.

Reaction: This should be worked on really hard! Last week, we said it was a problem, but not enough was done to fix this. From next week on, we will have a daily scrum meeting, so everyone in the group can explain what he is working on currently and what others can expect from that person.

Problem 2
Problem: Wrong priorities. We looked at this sprints milestone and thought that making an scalable data structure was top priority. The opposite was true. Layout and visualization should have been the priority.

Reaction: Our main focus is what is stated in the milestones. These features should be implemented first before looking at the next milestone or even beyond that.

Adjustments for the next Sprint

Next sprint, more work ought to be done. Because we know what is expected from us, we can plan tasks accordingly and have a more efficient sprint.
Also, we will try to stay focused more on the project during meetings and remind distracted team members when they do not pay attention.