

# Sprint Retrospective, Iteration # 3

Context Project: Programming Life  
Group: 101010

User Story #	Task #	Responsible for 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.	Determine layout of nodes	Jochem	Jochem, Martijn	Jochem=7 Martijn=8	Jochem=21 Martijn=18	Yes	We will need to look into the layout more as graphs with multiple insertion give an awful visualization.
	Draw nodes and edges	Martijn	Martijn, Jochem	Martijn=4 Jochem=0	Martijn=12 Jochem=2	Yes	Maybe needs to add some basic visual encoding in the following sprint
As a user, I want to be able to view parts of the graph.	Create algorithm for creating subgraphs	Jochem	Jochem, Martijn	Jochem=8 Martijn=7	Jochem=4 Martijn=2	Yes	This user story had a considerable amount of overlap with the “Draw nodes and edges” user story, but we felt that more time went into that, rather than this user story.
	Improve the GUI by allowing users to select segments.	Michael	Michael	4	5	Yes	
As a user, I want to have a GUI where	Create a loading screen/bar for parsing.	Michael	Michael	2	2	No	The implementation of the parse method made it difficult to keep track of the parse

GUI elements do not limit the view of the graph.							progress properly because the method had not been split into separate methods.
	Create a side console for display	Michael	Michael	2	10	Yes	A console for logging has also been created to keep track of keeping track of background processes.
	Improve overall GUI design	Michael	Michael	8	8	Yes	
As a user, I want to be able to browse large files.	Improve the parser to make it parse large files efficiently.	Tycho	Tycho, Dex	Tycho= 10 Dex= 10	Tycho=10 Dex=10	Yes	
	make cache to parse same file faster	Tycho	Tycho, Dex	Tycho=5 Dex=5	Tycho=10 Dex=0.5	Yes	
As a user, I want to be able to quickly select a file	Make the application remember the directory of the last selected file	Martijn	Martijn	Martijn = 0	Martijn = 3	Yes	It would be nice to spend some more time on this, so the directory can be saved between runs of the application
The user wants a bug free build	change checkstyle config	Tycho	Tycho	Tycho=1	Tycho=1	Yes	
	changed travis Ci config	Tycho	Tycho	Tycho=1	Tycho=2	Yes	

Update the documentation through which we communicate	Use the feedback to revise the documentation	Jochem	Jochem	Jochem=3	Jochem=4	Yes	After this deliverable, these documents will become living documents on our wiki.
The user does not want the application to crash	create efficient data structure	Dex	Dex, Tycho	Dex=7 Tycho=6	Dex=7 Tycho=0	Yes	
	create efficient database for segments	Dex	Dex	Dex=9	Dex=14	Yes	

## Main Problems Encountered

None. We felt that this sprint went very well in regard to the other sprints. We had a daily meeting every day from Monday to Friday. Communication was better, but can(and should) still be improved a bit. Estimations were off sometimes, but we knew on beforehand that the estimations were probably not big enough. However, we didn't want to make too big estimations if a task turned out easier than expected.

## Adjustments for the next Sprint

We are planning to improve our estimations, but we have no real plan on how to do this. It will also be harder as next milestone takes 2 sprints. We will do this by making a planning for 2 weeks and dividing the issues.

For communication, we want to improve our communication between our meetings by keeping track of what others are doing even between the meetings.