Sprint Reflection # 7

Contextproject: Programming life
Group: 2

User Story	Task	Task Assigned To	Estimated Effort per Task (1-5)	Actual	Done	Notes
As a programmer I want our documentation to be up to date so I can see the large lines of the project.	1. Update UML diagrams.	1. Oolbekkink	1. 2	1. 2	1. y	
As a team we want to deliver our deliverables.	1. Deliver Sprintplan8.pdf. 2. Deliver Sprintreflection7.pdf.	1. Nieuwdorp 2. Nieuwdorp	1. 1 2. 1	1. 1 2. 1	1. y 2. y	
As a user I want to highlight paths in the graph of certain strands.	1. Retrieve subgraph from existing Newick tree. 2. Select the strands that you want to highlight 3. Highlight the paths of the selected strands.	1. Boot 2. Boot 3. Nieuwdorp	1. 3 2. 2 3. 3	1. 4 2. 2 3. 3	1. y 2. y 3. y	3. Vennik
As a user I want to see the annotations & known mutations	1. Connect the annotations & known mutations to nodes in the graph 2. Display the loaded annotations in the graph	1. Nieuwdorp 2. Boot	1. 4 2. 4	1. 4 2. 4	1. y 2. y	
As a user I want to quickly locate current view in the overall graph.	1. Draw a position bar at the bottom. 2. Show mutations in the position bar.	1. Vennik 2. Hommes	1. 4 2. 3	1. 4 2. 3	1. y 2. n	2. moved to next iteration.
As a user I want to be able to see the entire graph at once	1. Create more filters. 2. Create filters based on mutations.	1. Vennik 2. Vennik	1. 5 2. 4	1. 5 2. 4	1. y 2. n	2. moved to next iteration.

and use semantic zooming, based on ‘interestingness’.	3. Create filters on base lengths.	3. Oolbekkink	3. 4	3. 4	3. n	3. moved to next iteration.
As a user I want to reset my graph view to the beginning.	1. Create a reset view button in the menu. 2. Reset the view on button click.	1. Hommes 2. Hommes	1. 1 2. 2	1. 1 2. 2	1. y 2. n	2. moved to next iteration.
As a user I want to locate strands in the tree quickly, using a search bar.	1. Create a search method. 2. Create a search bar. 3. Highlight strands that match the searching criteria.	1. Oolbekkink 2. Oolbekkink 3. Oolbekkink	1. 1 2. 1 3. 2	1. 1 2. 1 3. 2	1. y 2. y 3. y	

Main Problems Encountered

Problem 1 : Annotations became a bottleneck

Because annotations were pretty complex in relation to the context, and for a while not very important to the project. Now that we really want to start with semantic zooming the annotations are more important. A few things start to depend on them and the need to figure out the difference in coordinate systems, the binding and the visualisation is high. Because this required a lot of research and it was complex to implement. We now have a clear vision of the final product, and in the last few weeks of the product we’ll work towards that, so this problem won’t occur anymore.

Relection:

As we work more on the project and learn more about the context we discover more and more about the importance of making good selections on what to implement and what not. A certain order of implementation can make the process a lot smoother and more well balanced. We still have a few of the main issues to tackle or to improve on but we definitely have a nice basis. This iteration will be remembered as the iteration where we received changed requirements. Something that happens with almost every real life project: the customer changes its mind. It is our task to incorporate and cover for that in our work. So we will. With the next sprintplan we’ll anticipate on the demands from the customer and think about how we want to fulfill them. Our goal is to meet the demands smoothly and agile. As the project matures we get a clearer image of the end result which really helps us when discussing certain aspects of the project.