Sprint Reflection # 5

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 Sprintplan6.pdf. 2. Deliver Sprintreflection5.pdf.	1. Nieuwdorp 2. Nieuwdorp	1. 1 2. 1	1. 1 2. 1	1. y 2. y	
As a user I want to have a clear & efficient view of the genome graph.	1. Use an algorithm to filter out the crossed lines (from #2).	1. Oolbekkink	1. 5	1. 0	1. n	
As a user I want to be able to reduce the amount of information (semantic zooming).	1. Create a form in the old control area with a (live) reload button. 2. Filter the information from the graph.	2. Vennik 3. Vennik	1. 4 2. 4	1. 4 2. 4	1. y 2. y	Form is done in graph. Done in branch. Will soon be merged.
As a user I want to load the genome graph using menu items.	1. Make menu items accessible from other controllers. 2. Create a menu item to load the current strains, selected in the tree. 3. Create a shortcut	1. Boot 2. Boot 3. Boot	1. 4 2. 2 3. 1	1. 4 2. 2 3. 1	1. y 2. y 3. y	
As a user I don't want to wait for the same graph to load, when I try to view the same	1. Store last selection of the tree 2. Compare the new selection of the tree to the old one	1. Boot 2. Boot 3. Boot	1. 3 2. 2 3. 1	1. 1 2. 2 3. 2	1. y 2. y 3. y	

selection in the phylogenetic tree.	3. Go back to the old view if the selection hasn't changed					
As a user I want to see which mutations are present.	1. Display mutations in the graph (from #4).	1. Hommes	1. 5	1. 5	1. n	There is a start for the algorithm, but when the structure gets really complex it starts becoming random.
As a programmer I want clean code.	1. Refactor (and test) the initFileMenu method in MenuController. 2. Refactor 'Selection' in newick.Node with double dispatch.	1. Hommes 2. Vennik	1. 1 2. 3	1. 1 2. 3	1. y 2. y	
As a user I prefer waiting once when I load the workspace, over everytime I click.	1. Do all the preprocessing on workspace load (possibly partially parallel). 2. Connect the current system to the new resources.	1. Oolbekkink 2. Oolbekkink	1. 4 2. 2	1. 4 2. 3	1. y 2. y	
As a user I want to see information related to the genome from other sources.	1. Load and parse the drug resistant mutation annotations 2. Transform our current coordinate system into other available coordinate systems so we can find the correct available resources. (from #4).	1. Nieuwdorp 2. Nieuwdorp	1. 3 2. 4	1. 3 2. 4	1. y 2. n	2. see problem 2

Main Problems Encountered

Problem 1 : Harder than it looked

Some tasks were harder, or more complex, than they seemed to be when we created the sprint plan. As a result some members did not get to complete all their tasks. Those tasks will be moved to the sprintplan of the next iteration.

Problem 2 : Support on biological information

To understand the context of the software we are developing we needed information on the subject. However, when we mailed with questions about e.g. annotations, sending emails with questions is not the quickest form of communication (definitely not in a 1 week sprint) so we have to figure out a lot of things on our own. It is information that we need to develop the right software, and it would be a big mistake to start working on a project where you don't fully understand the underlying purpose and goals. As a result, the research took a lot of time, keeping in mind that if our questions were answered we didn't have to spend that time. This time could have been spent on the issues that were at hand.

Relection:

This sprintplan contained some very diverse stories and features, which weren't all that easy. Most of the features were implemented, but other complexities that we encountered held us back. The result is that we didn't finish all tasks and we plan on completing those next week. However, we don't want that this becomes a habit, so we intend to pull harder on our deadlines and try to help eachother out more, where we can.

The rubrics reflection that we received this week was the first time that we got some good feedback on how we were doing. We still have some questions about the reflection, that will follow later, but it is nice to have something to hold on to.