Reflection on Iteration #3

Context project: Programming life
Group: 2

User Story #	Task #	Task Assigned To	Estimated Effort	Actual Effort	Done (y/n)	Notes
As a user I want to see a phylogenetic tree minimap of the active genomes in the graph.	1. Create a view. 2. Display relative tree with lowest common ancestor as root. 3. Highlight the path between all active genomes in the tree.	1. Boot 2. Boot 3. Boot	1. 1 2. 3 3. 2	1. 2 2. 4 3. -	1. y 2. y 3. n	2. Done by Vennink 3. part of the minimap, which we dropped for now
As a team we want to deliver our deliverables.	1. Deliver Sprintplan4.pdf. 2. Deliver Sprintreflection3.pdf. 3. Deliver Productplanning.pdf (final).	1. Nieuwdorp 2. Nieuwdorp 3. Nieuwdorp	1. 1 2. 2 3. 2	1. 1 2. 1 3. 2	1. y 2. y 3. y	
As a user I want to be able to see the difference between 2 paths in the graph.	1. Create selector for 2 paths. 2. Create a difference view.	1. Vennik 2. Vennik	1. 3 2. 3	1. 3 2. 3	1. n 2. n	Replaced by displaying where the bases also occur.
As a user I want to have a clear & efficient view of the genome graph.	1. Show % of ATCG per node on the node. 2. Use an algorithm to filter out the crossed lines (from #2).	1. Nieuwdorp 2. Vennik	1. 4 2. 5	1. 4 2. 2	1. y 2. n	Good algorithm is hard to find.
As a user I want to see what parts of the genome are important.	1. Detect important parts (clarification during meeting) 2. Display important parts in the view.	1. Oolbekkink 2. Oolbekkink	1. 4 2. 4	1. - 2. -	1. n 2. n	Not done due to absence.

As a user I want to see which mutations are present	1.Explore how to identify different mutations. 2. Display mutations in the graph.	1. Hommes 2. Hommes	1. 3 2. 4	1. 3 2. -	1. y 2. n	2. Not done due to absence.
As a user I want our documentation to be up to date	1. Maintain ArchDesign.pdf 2. Finalize Productplanning.pdf based on feedback 3. Update UML diagrams	1. Nieuwdorp 2. Hommes 3. Oolbekkink	1. 3 2. 2 3. 2	1. 3 2. 3 3. -	1. y 2. y 3. n	2. Finished by Nieuwdorp & Vennik 3. Not done due to absence.
As a team we want to have a current list of resources we have used	1. Create a Bibliography.	1. Nieuwdorp	1. 2	1. 3	1. y	
As a user I want to be able to navigate between the phylogenetic tree and the genome graph.	1. Create a link from the phylogenetic tree to the genome graph 2. Create a link from the genome graph to the phylogenetic tree	1. Boot 2. Boot	1. 2 2. 2	1. 2 2. 3	1. y 2. y	Finished by Vennik
As a user I want to simply load all relevant files in a certain directory.	1. Create a workspace for data files 2. Create a scanner for the files in the workspace 3. Create a select menu for selecting which node, edge and nwk files to use for displaying	1. Oolbekkink 2. Oolbekkink 3. Oolbekkink	1. 3 2. 3 3. 3	1. 3 2. 3 3. -	1. y 2. y 3. n	3. not necessary due to constraints on data.

Main Problems Encountered

Problem 1 : Ascension day weekend

This tuesday was Ascension day, a nation wide mandated free day, 3 of our team members planned a trip during this extra long weekend which meant that most of the work had to be done before Wednesday evening. This also meant that during the last days of the iteration only 2 team members were available which would be a problem with our normal code review system since this requires 2 people besides the creator of code to review it. Now only the other person could review the code.

Relection:

Due to the limited time this sprint was under more pressure but we managed to still do a lot of things that we wanted to do. We knew that there would be less time available so we chose to implement less complicated things and also used this to look into a few checkstyle issues that we ignored (No serious issues, even a few that we thought weren't justified so we also set up our configuration for the checkstyle). Also did we do different things than planned in the sprintplan, mostly because during the TA meeting it appeared some features were deemed less useful than we thought, but also because some tasks were personally dedicated to specific people (they did most of the preparing research, spend time investigating the best implementation). We anticipated and reacted on the different schedule this week and we handled it well. Since it's not possible to simply do more in less time we changed what we wanted to do and this made this iteration a succes.