

Sprint Reflection # 6

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 Sprintplan7.pdf. 2. Deliver Sprintreflection6.pdf. | 1. Nieuwdorp 2. Nieuwdorp | 1. 1 2. 1 | 1. 1 2. 1 | 1. y 2. y | |
| As a user I want to know at what position the nodes are that I'm viewing. | 1. Think of a way to display it. 2. Implement the visualization of the user's position in the graph | 1. All 2. Boot | 1. 3 2. 4 | 1. 2 2. 4 | 1. y 2. y | 2. Base laid out by Boot, rest done by Vennik. |
| As a user I want to be able to collapse nodes that are of less importance. | 1. Make nodes collapsable | 1. Vennik | 1. 2 | 1. 5 | 1. y | Not the only thing I did. Something fell of the sprintplan. Also create first level of semantic zooming, current position indicator, weighted edges and did a lot of refactoring. |
| As a user I want to see the complete strains on the initial screen | 1. Think of a way to fit all nodes on the first screen. (what information to display) | 1. All | 1. 3 | 1. | 1. y | |

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|---|---|--|----------------------|--------------------|----------------------|--|
| As a user I want to be able to highlight certain nodes | 1. Make nodes selectable and able to be highlighted. 2. Enlarge nodes that are near the mouse. | 1. Nieuwdorp 2. Boot | 1. 4 2. 4 | 1. 2. 4 | 1. y 2. y | |
| As a user I want to see information related to the genome from other sources. | 1. Transform our current coordinate system into other available coordinate systems so we can find the correct available resources. (from #4). 2. Display Mutations in the graph. (from #4) 3. Use an algorithm to filter out the crossed lines (from #2). | 1. Nieuwdorp 2. Hommes 3. Oolbekkink | 1. 4 2. 5 3. 5 | 1. 4 2. 5 3. | 1. n 2. y 3. y | 1. More complex implementation due to livereload. 2. Done by Vennik |
| As a user I want to load projects I previously worked on. | 1. List previous workspaces in the welcome screen. | 1. Oolbekkink | 1. 2 | 1. 3 | 1. y | 1. Created a foundation for persistent storage. |

Main Problems Encountered

Problem 1 : Change of requirements

During this week we got an email with updated requirements, and a lot of them changed. For example: we previously asked and heard from the customer that exporting data will not be necessary, yet now the requirements say it would be nice to have the ability to export to HTML5+JavaScript+CSS. Or an even bigger influence: the mini map that we suggested and that was dropped is now a must have for the customer. The changes in requirements from the customer impact our planning and give us extra work. We will cope with this by adjusting the product backlog and reprioritizing it. As well should it be mentioned that we did expect changes and that we tried to keep the code open to a wide variation of extensions/adaptations.

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.