Sprint plan #1 revision

Context project: Programming Life

Group: 3

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User Story	Task	Assigned To	Estimated effort (1-5)	Actual effort (in hours)	Done	Done by	Actual outcome
Developers need to have good information to help them develop the application	Setup tools (Like Slack, Git, Travis-CI, Findbugs, Checkstyle, Octopull, etc.)	Tom	3	4	Yes	Tom	Tools were setup as planned
Stakeholders need to have a clear understanding of what is going to be developed	Construct a draft for the Product Vision	All (head: Boris)	5	8	Yes	Kasper, Tom, Bori	A draft for the product vision
Developers need to have sufficient plans to fuel construction of the application	Create a product backlog	Boris	2	2	Yes	Boris	Set up a backlog in trello with the basic user stories
Users need to be able to supply data for the application to read	Create a parser for genome data	Sam	4	4:30	Yes	Sam	The parser
Users need to be able to see a first representation of the read data	Look for a library to display graph information	Kasper/Mathieu	2	4	Yes	Kasper, Mathieu	Different libraries were found, but the best looking was chosen
	Create a first visual component so data can be displayed	Kasper/Mathieu	3	4	Yes	Mathieu, Sam	The basic graph is displayed using the chosen library
Stakeholders and Developers need to have a clear view of how the application is going to look	Construct a design document outlying a basic setup for the application	All (head: Boris)	5	2:30	Yes	Boris	A basic sketch on paper and a basic skeleton using the MVC design pattern

- **Notes explaining the actual outcome:**
  Our goal was to come up with an idea for the product and set up the project structure and environments. Also we wanted to have something to show to our customer by the end of the week. The idea was to show a basic graph with the ten given genome strings. We managed to get the basic graph by the end of the week, but not exactly the way we wanted it. We decided not to show it to our customer, because we were not quite satisfied with it.
- **A description of main problems encountered and the reaction implemented to face them:**
  - At the start we didn't have a graphing library. We invested a lot of time in finding a good library. This made that the rest of the coding had to wait before we had a good library. Our reaction was to put more people on finding a good library.
  - We had some problems with coming up with a product idea. It was quite hard to come up with one, because we don't have the biological background. We reacted to this problem by setting up a brainstorm session. In this session we tried to think out of the box as much as possible, with the given information from the lectures in week one. By the end we got some basic idea of what we wanted to deliver. Also the meeting at the end of the week was very helpful, as we got a lot of feedback on the idea by people who are actually going to use the product.
- **Adjustments for the following sprint plan**
  In the first sprint we didn't have a concrete idea of what we wanted to implement and whether this was useful to the end user. After our first meeting we discovered that we should put a lot more focus on the visual encodings.
  For the following sprint plan, we have picked one visual encoding and we're going to implement that. This way we can ask the customer for feedback about the way we represent visual encodings