Sprint Retrospective, Iteration #1

Context Project: Programming Life

Group: Byzantine Generals (PL1)

User Story	Task	Task Assigned To	Esmitated Effort per Task *(in hours)*	Actual Effort per Task *(in hours)*	Done *(yes/no)*	Notes
As a DNA researcher, I want to have the bubbles displayed So that the DNA sequences can be analyzed	Graph (bubble) visualization in JavaScript	Kamran Tadzjibov	14	20	yes	First implemented in D3.js, wasn't a good choice
	Determine x,y coordinates of the segments in the server	Ravi Shivam Auta	16	10	yes	Has to be improved, more time has to be spent on this
	Implement zooming	Samuel D. Sital	6	4	yes	
	Create AJAX requests from the client	Samuel D. Sital	8	4	yes	
	Styling for the visualizer	Adam el Khalki	6	10	yes	
As a DNA researcher, I want to have semantic zooming So that the information displayed is always relevan	Send requests based on zoom level in client	Ali Smesseim	8	4	yes	
	Develop proper JSON API	Kamran Tadzjibov	6	9	yes	
	Collapse bubbles based on zoom level in the server	Adam & Ali	24	24	no	Not yet done, a lot of time was spent on wrong algorithm
As a developer, I want to have clean code and good testing	Improve code quality of the parser and server	Ravi Shivam Auta	3	3	yes	
	Add more tests for the parser and server	Samuel D. Sital	4	2	yes	

Main Problems Encountered

Problem 1	
Description:	The collapsion of the bubbles didn't fully work, because the algorithm we used wasn;t the correct one. As the CURE algorithm doesn't take into account that the graph is structured in a regular way, in the sense that the mutations that occur are known.
Reaction:	We really have to look at the data and find a correct representation for each type of mutation.
Problem 2	
Description:	The smaller tasks at the front end had an overestimated effort.
Reaction:	Plan less time for the smaller front end tasks.