Sprint Retrospective, Iteration #4

User Story	Task	Member responsible for the task	Task Assigned To	Estimated Effort per Task (in hours)	Actual Effort per Task (in hours)	Priority (A—E) (A is highest)	Done (yes/no)	Notes
As the user I want to have a main toolbar where I can open a file or close the application	Make a toolbar on top of the screen and make it react on user input.	Björn	Björn	5	5	B	yes	
As the user I want the application to start with my recent database file when launching the program	Make a reader and writer to save the name of the database	Björn	Björn	2	3	B	yes	
	Make tests for reader and writer	Björn	Björn	3	4	A	yes	Testing was more difficult than expected, but was still doable.
	Import new gfa file option has to create new database and show loading bar	Björn	Björn	5	4	B	yes	
	Open existing has to list options of already created database files and load accordingly when selected	Björn	Björn	5	5	B	yes	
	Open recent has to show recent gfa files opened and open accordingly when selected	Björn	Björn	2	2	B	yes	
As the client I want to be able to view the Architecture design document and understand the design of the project	Update the Architecture Design Document to be current with the projects architecture	Evan	Evan	6	6	B	yes	The architecture design document needed a lot of changes to the content and the formatting. It was almost rewritten., The time estimation ended up being accurate despite this though.
As the viewer I want to be able to see the ribbons as visually pleasing	Change the ribbons into curves instead of just lines	Rob	Rob	6	7	C	yes	
As the client i want to see a presentation and demo every week to keep me up to date with how the project is progressing.	Create, practice, and present the client meeting presentation.	Evan	Evan	3	3	B	yes	
As a developer I want to have all non gui classes tested	Make tests for all non gui classes	Hugo	Hugo	8	6	A	yes	
As a user I want the graph view/zooming to be smooth and work as expected	Vertically center the graph inside the scrollpane while zooming	Hugo	Hugo	2	2	B	yes	
	Improve zooming so that graph remains centered	Hugo	Hugo	4	5	B	no	We decided that this wasn't a problem that was worth the time it would take to fix. So we decided to ignore it for now. If it does come up in the future we will fix it then.
	You are able to zoom in where the mouse cursor is	Hugo	Hugo	5	5	B	no	
As a user, I want the graph to be visible immediately	Fix not showing up of the graph until after zooming or scrolling	Rob	Rob	5	6	B	yes	
As a user I want the gui to be able to collapse ribbons to support semantic zooming	Create a first algorithm to identify bubbles and a method to store/access them to/from the database.	Daniël	Daniël, Evan	22	Daniël - 23 Evan -15	A	yes	Creating the general idea of the algorithm went pretty well. But then creating the specifics and doing the implementation was very difficult. *We worked together for around 15 hours throughout the week. Then Daniël completed the implementation on his own.
As a user, I want to be able to see what the actual length of a segment of the graph is.	Implement different node designs for different sizes of segments	Rob	Rob	12	11	A	yes	
As a programmer, I want to be able to use tooling without experiencing errors.	Fix Travis and maven integration errors.	Rob	Rob	4	4	A	no	The configuration on the maven and travis tools is not very well documented. Especially findbugs, where we get errors with normal getter methods and it is impossible to turn that off

Context Project: Programming Life

Group: PL3

Problem #1 : Testing was more difficult than expected.

Description: While making the tests, there were some conflicts between the junit tests that eclipse thought were fine, and what travis thought was fine.

Reaction: Now that we know what works with both eclipse and travis, we will be able to apply that knowledge to our future tests. We will also allocate more time to tests in the future because they seem to run into problems quite often.

Problem #2 : Testing the parser and database proved difficult to sync with testing tools.

Description: Tests were made for parser and database and several situations popped up, such as: JUnit testing crashed, but EclEmma approved; EclEmma crashed, but Travis approved; JUnit and EclEmma approved, but Travis Build failed.

Reaction: The problems were fixed by not using the @After method, by merging classes and cleaning the database continuously. In the future this will not be a problem because we know what to avoid now.

Problem #3 : Centering graph while zooming proved not useful for our current build.

Description: The graph is not centered around a straight line, but slightly creeps upwards towards the end. It is therefore not handy to center around a certain point, as parts of the graph could lay outside the screen.

Reaction: Because the changing of the graph location does not change very drastically or quickly. We decided that it wasn't worth the time it would take to fix it. It is possible that we might fix this later, but for the forseeable future we have decided to leave it as is