

| Retrospective Iteration #6   | ends 09:00, 3-06-2016  |                             |                         |                          |          |        |           |  |  |
|--|--|-----------------------------|-------------------------|--------------------------|----------|--------|-----------|--|--|
| Context group: DART-N  |  |                             |                         |                          |          |        |           |  |  |
| Group: PL 4  |  |                             |                         |                          |          |        |           |  |  |
|  |  |                             |                         |                          |          |        |           |  |  |
| User Story   | Task   | Member responsible for task | Member assigned to task | Estimated Effort (hours) | Priority | Actual | Done      |  |  |
| When the user opens a DNA sequence, he will be able to zoom in and get more details visible                    | Semantic zooming   | Niek                        | Niek, Arthur            | 30                       | A.1      |        | Yes       |  |  |
|  | - Node collapsing: no collapsing when showing one strain, only collapse when exceeding vertical space          | Niek                        | Niek                    | 10                       | A.4      | 0      | No        |  |  |
|  | - Arrow Edge   | Ricardo                     | Ricardo                 | 6                        | B.3      | 6      | No        |  |  |
| As a user, I want to wait as little time as possible while using the application.                              | Rendering enhancement: divide the graph in tiles and draw only relevant tiles                                  | Ties                        | Ties, Daphne            | 25/8                     | A.3      | 6/0    | No        |  |  |
|  | Refactor   | Arthur                      | Ties, Daphne            | 8                        | A.2      | 12     | Yes       |  |  |
| As a user, I want the nodes of the graph to be placed in a logical and space-efficient manner.                 | Node placement: make better use of vertical space, make better use of vertical and horizontal space in topview | Ricardo                     | Ricardo                 | 8                        | A.2      | 12     | Partially |  |  |
|  | - Deal with inversion in graph   |                             | Ricardo                 | 8                        | A.2.1    | 8      | Partially |  |  |
| As user, the zoomBox will show which part of the graph is visible  | ZoomBox  | Daphne                      | Daphne                  | 14                       | B.1      |        | Yes       |  |  |
|  | - Let box indicate which part of graph is shown  |                             | Daphne                  | 8                        | B.1.1    | 10     | Yes       |  |  |
|  | - Only refresh box when indicating new highlight strain  |                             | Daphne                  | 6                        | B.1.2    | 4      | Yes       |  |  |
| As user, the GUI will be self explanatory and it will look good  | GUI  | Daphne                      | Daphne                  | 21                       | B.2      |        | Partially |  |  |
|  | - CSS styling  |                             | Daphne                  | 4                        | B.2.1    | 1      | Yes       |  |  |
|  | - Add zooming by scrollwheel, this means refactoring several classes   |                             | Daphne, Ties            | 8                        | B.2.2    | 8      | Yes       |  |  |
|  | - Fix legend   |                             | Ricardo                 | 4                        | B.2.3    | 2      | Yes       |  |  |
|  | - Give user possibility to select own gfa-file   |                             | Daphne                  | 1                        | C        | 2      | Yes       |  |  |
|  | - Give user possibility to select own nwk-file   |                             | Daphne                  | 1                        | C        | 2      | Yes       |  |  |
|  | - Loading indication   |                             | Daphne                  | 1                        | B.2.4    | 0      | No        |  |  |
|  | - Fix small bug in interaction list  |                             | Daphne                  | 1                        |          | 1      | Yes       |  |  |
|  | - Add Focus when zooming   |                             | Ties, Daphne            |                          |          | 8      | Yes       |  |  |
| As a user, I want to see all the available data for a genome   | Elaborate the metadata-parser  | Arthur                      | Arthur                  | 2                        | B.3      | 6      | Yes       |  |  |
|  | Include metadata in Tree and Graph   | Arthur                      | Arthur                  | 5                        | A.1      |        | Partially |  |  |
|  | Write the annotations parser   | Niels                       | Niels                   | 1                        | B.4      | 2      | Yes       |  |  |
|  | - Make information available for user  |                             | Niels                   | 8                        | B.4.1    | 16     | Partially |  |  |
|  | Core/Controller/FXObject testing   | Niels                       | Niels                   | 15                       | C        | 10     | Partially |  |  |
|  | GUI testing  | Ricardo                     | Ricardo                 | 15                       | C        | 0      | No        |  |  |
| Additional hours (These hours are mostly related to bugfixes, which occurred unexpectedly):                    |  | Hours                       |                         |                          |          |        |           |  |  |
| Ricardo: A lot of small unexpected bugs and checkstyle in master.  |  | 5                           |                         |                          |          |        |           |  |  |
| Daphne: Functionalities that interfered with other functionalities, such as the zoombox and the focus function |  | 10                          |                         |                          |          |        |           |  |  |
| Ties: Checkstyle, bug fixes and implemented a search funtion for the tree.                                     |  | 8                           |                         |                          |          |        |           |  |  |
|  |  |                             |                         |                          |          |        |           |  |  |
|  |  |                             |                         |                          |          |        |           |  |  |
| Main problems encountered  |  |                             |                         |                          |          |        |           |  |  |
| Problem 1: Not known how to project annotation data on the non-reference nodes                                 |  |                             |                         |                          |          |        |           |  |  |