Sprint plan 5

Context Project: Health Informatics

Group: HI4

User Story	Task	Task Assigned To	Estimated Effort per Task
The user wants to see the output of his program before it is saved and be able to edit it	- Create a screen that shows a preview of the output after analysis	Remi	2 Hours
The user wants to create relations between records based on a condition to link related data elements	- Extend language construct for connecting - Implement a way to create relations - Thinks of a way to output relations in an understandable way - Store the relations in the data structure	Hans Hans Sven Sven	2 Hours 5 Hours 3 Hours 2 Hours
The user wants to compare time between events in the data for sequential analysis	- Extend language construct for comparing - Implement (script) code for comparisons on the data - Store the (time) differences in the data structure	Elvan Elvan Elvan	2 Hours 5 Hours 2 Hours
The user wants to add comments to (unexpected) results in the GUI as keywords or as memos of his own reflection	- Create a parser for the comment construct - Add comment option in the GUI with every record that is shown	Hans Matthijs	3 Hours 2 Hours

The user wants to select an XML file which fills in the file groups for him	- Add an option to load the XML file in the GUI - Parse an XML file into groups - Add the groups visually to the program	Remi Matthijs Remi	1 Hour 2 Hours 3 Hours
The user wants to specify which columns need to be analyzed	- Add checkboxes to columns in the GUI to indicate if they need to be included for the analysis - Modify the parser to not store the data of the excluded columns	Remi Hans	3 Hours 2 Hours
The user wants to save the created groups to an XML file	- Add an option to store the current configuration - Write the current configuration to a file	Matthijs Matthijs	3 hours 3 hours
The user wants the code to be clean, documented and well tested so it can easily be extended for future use.	- Refactoring: Make sure your own code is fully tested (test coverage should be at least 75%) - Refactoring: Make sure your own code is well documented - Refactoring: Check your code with Cobertura, PMD, FindBugs and CheckStyle. - Test the GUI on JavaFX Services with JUnit tests following the dependency injection pattern	Everyone Everyone Everyone Sven	2 Hours 1 Hour 1 Hour 5 Hours
The client wants an up to date emergent architecture document	- Update the architecture document	Elvan	2 Hours
The user wants the structure of the program to be well thought out so it can easily be extended for future use	- Create an UML or an other kind of diagram describing the structure of the program	Matthijs	1 Hour

Remaining Tasks

(non-sprint related tasks that are not mentioned above)

- Extra room for flexibility
  We left two hours room for each group member for flexibility.
- Midterm and Long weekend
  Because of Whit Monday and a midterm of ATB for all group members on wednesday, this week is a little shorter than usual.

General explanation on responsibilities

- Programming tasks
  The group member who is assigned to a programming task has the responsibility to implement the corresponding feature and to fully test it (with at least 75% line coverage). After a feature is done, he should open a pull request for it and make sure that the code is approved by at least two other group members and merged with the master branch before the deadline of the current sprint.
- Documenting tasks
  The group member who is assigned to a documenting task has the responsibility to write the corresponding sections and to perform a spell check. After the part is written, he should open a pull request for it and make sure that the document is approved by at least two other group members and that all sections are merged with the master branch before the deadline of the current sprint. If the document also has to be uploaded on Blackboard, he is responsible for doing this on time.