Sprint Reflection #7

Group: Health Informatics 5

User Story	Task	Assigned to	Estimated Effort	Priority	Done by	Actual effort	Done?
Story 7/8	The scripting engine should show usefull parser errors	Matthijs	5 hours	High	Matthijs	5 hours	Yes
	The script must create temporary table for following operations	Matthijs	5 hours	High	-	-	No
Story 12	The operations could be able to be executed on a single chunk	Robin	10 hours	Medium	Robin	5 hours	Yes
	There could be simple arithmic operations possible on a chunk like average and sum	Robin	10 hours	High	Robin	5 hours	Yes
Story 20	The input/script GUI should be coupled to the visualization GUI	Julian	10 hours	High	Julian	8 hours	Yes
	There should be a histogram of the selected stem plot leaf	Paul	5 hours	High	Paul	5 hours	Yes

User Story	Task	Assigned to	Estimated Effort	Priority	Done by	Actual effort	Done?
	The State Transition Matrix should be based on codes, not on column	Paul	5 hours	High	Paul	5 hours	Yes
	The table GUI should contain record numbers	Julian	1 hours	Medium	Julian	2 hours	Yes
	The table GUI should be resizable	Julian	2 hours	Medium	Julian	1 hour	Yes
	The table GUI should be scrollable	Julian	2 hours	Medium	Julian	1 hour	Yes
	It must be possible to export a xml file based on a Table	Julian	5 hours	High	Julian	8 hours	Yes
	There must be a box plot of the selected data	Jan	5 hours	High	Jan	5 hours	Yes
Story 21	There could be a XML maker	Jan	15 hours	Medium	Jan	15 hours	Yes
Story 22	There should be a manual for this porduct	Paul	5 hours	Medium	-	-	Yes
Organisation	Update emerging architecture	Jan	2 hours	Low	-	-	Yes
	Make prototype for friday	Paul	5 hours	Medium	Paul	7 hours	Yes
	Code base must be checked on duplication	Matthijs	5 hours	High	Matthijs	15 hours	Yes

User Story	Task	Assigned to	Estimated Effort	Priority	Done by	Actual effort	Done?
	Code base could have a Model View Controller pattern	Matthijs	5 hours	Medium	-	-	Yes
	Sprint plan and reflection	Paul (scrum master)	2 hours	Medium	Paul	2 hours	Yes
Not planned	Our data is now serializable	-	-	-	Robin	5 hours	Yes
	TimeValue is now removed	-	-	-	Robin	5 hours	Yes

User Stories

Story 7

As a researcher I want to provide a custom analysis on my input so that I can filter the study data the way I need.

Story 8

As a researcher I want to chain different analyses together so that a sequential analysis can be performed.

Story 12

As a researcher I want to chunk the data so that I obtain a data structure more logical to my next analysis.

Story 20

As a researcher I want visualize the new data so that I can determine what to analyse next.

Story 21

As a researcher I want to create a XML file for the input file so that I can import this file into the program

Story 22

As a researcher I want to have a manual of the program so that I can determine what the program can do.

Reasons behind priority

The high priority tasks of the user stories are all part of must haves given by the customer. So we must implement those to make our product satisfactory for our customer. The medium tasks are should haves, tasks part of requirements we really want to implement to make our product stand out. There is only one low priority task this week and this is updating the emergent architecture design. We don’t think we are going to change the architecture this sprint so it hasn’t a high priority. In the organization we also have the task of removing duplicate code, this has a high priority as we want to make our code as efficient as possible.

Brief reflection

This sprint we have focused on making it possible to perform operation for each chunk instead of on the whole table. Together with the possibility to do some basic arithmatic operations we can determine per chunk averages and count the number of instances in a given column. This was done by Robin and was completed in less time than the estimated effort so Robin also removed some redundant code and made the table object serializable. Matthijs started with catching exception thrown by the scripting engine and then focused on making the overall maintainability of our code better. This took more time then expected but is absolutely necessary for our project. And therefore the decision was made to not implement the task of creating a new table after an operation because it was not important for the functioning of the program. We already implemented the MVC design pattern so no time was needed. Julian and Jan finished all their tasks in the given time without any problems. Paul finished every task in the given time except the task for creating a manual, this was because Paul was sick for one day but will be finished this weekend. For next sprint we will focus on implementing the feedback of SIG even more and polishing the program for the deadline of this Friday. This will include a few new features but mostly on improving the existing. And finally we will do a lot of manual testing with other people so we can see if the program is working as intended.