

Sprint Reflection #3

Group: Health Informatics 5

User Story	Task	Assigned to	Estimated Effort	Actual effort	Done
Story 1	Parser must check the input data	Robin	4 hours	4 hours	Yes
	Parser must convert the input data into interpretable data	Robin	4 hours	6 hours	Yes
	There must be a GUI front-end	Julian	6 hours	8 hours	Yes
	There must be a GUI back-end and the main program flow should be adapted	Julian	6 hours	6 hours	Yes
Story 2	Determine if we use one central XML-settings file or multiple for each file	Matthijs	1 hours	1 hour	Yes
Story 9	There must be constraints possible	Matthijs	4 hours	3 hours	Yes
	The constraint command must be represented into script language	Matthijs	2 hours	2 hours	Yes
Story 10	There must be chunking possible in the current data format	Jan & Paul	8 hours	10 hours each	Yes
	The chunk command must be represented into script language	Paul	2 hours	1 hour	Yes
	Determine how a chunk should be represented into an output file	Paul	3 hours	3 hours	Yes
Organisation	Update emerging architecture	Matthijs & Jan	2 hours	2 hours	Yes
	Comment on product planning	Everyone	0.5 hours per person	1 hour each	Yes
	Fixing Maven and Travis	Jan	3 hours	2 hours	Yes
	Sprint plan	Paul (scrum master)	1 hour	1 hour	Yes

User Stories

Story 1

As a researcher I want to input study data into the program so that I can analyze it.

Story 2

As a researcher I want to specify the input format so that multiple study data sets can be read.

Story 9

As a researcher I want to place constraints on the data so that to discard data not relevant to this analysis.

Story 10

As a researcher I want to obtain chunks of the data so that I can analyze chunks of data individually.

Brief reflection

Even though this week we only had three work days we did finish all tasks that we had planned to do. Robin implemented the parser and made numerous fixes so we could start implementing transformation operations on the data. Matthijs implemented the constraint operation and had some time left to start working on our scripting language. Julian implemented the GUI for selecting all the individual files on which the data transformations are to be performed and their corresponding XML setting files. The selection of a script file is also implemented in the GUI. After the all input files are specified the GUI calls other parts of the program to create the required datastructures. Paul & Jan have both implemented the chunking operation. Because there were two significantly different implementations that we wanted to explore we implemented them separately. After testing both implementations and discussing the pros and cons of both implementations we choose one implementation that we think will suite our use-case best. Because we created two different implementations it took more time than anticipated to complete this user story. In the next sprint plan we will split up the tasks into even smaller tasks so that only one person is assigned a specific task. It is then up to that one person to make the descisions and that persons responsibility it is finished on time. The timetable we set this week was feasible and we finished all the tasks assigned to this sprint.