

# Sprint Reflection #5

Group: Health Informatics 5

User Story	Task	Assigned to	Estimated Effort	Priority	Done by	Actual effort	Done?
Story 7/8	The script must be parsed to a scripting engine	Matthijs	10 hours	High	Matthijs	10 hours	Yes
	The scripting engine must convert the script into the correct transformations	Matthijs	12 hours	High	Matthijs	10 hours	Yes
Story 12	The compare transformation should represent the requirement of the user more closely	Jan	5 hours	High	Jan	5 hours	Yes
	The time must be parsed from the website data, possible needing to create a XLS-reader	Jan	10 hours	Low	Jan	10 hours	Yes
Story 13	There must be converting possible in the current data format	Paul	15 hours	High	Paul	8 hours	Yes
	Converting must look at the codes	Paul	3 hours	Low	-	-	No
Story 17	Multiple patterns must be made to look for different behaviour patterns.	Robin	7 hours	High	Robin & Paul	5 hours each	Yes
	Create patterns for low frequency	Robin	8 hours	Low	Robin	8 hours	Yes

	events						
Story 18	The program should be called by the command line	Julian	10 hours	High	Julian	5 hours	Yes
Story 19	The GUI should show the table after the transformations	Julian	5 hours	Normal	Julian	10 hours	Yes
Organisation	Additional test should be made for some data classes	Robin	5 hours	Normal	Robin	5 hours	Yes
	Update emerging architecture	Jan	2 hours	Normal	Jan	2 hours	Yes
	Make prototype for friday	Jan & Julian	5 hours each	High	Everyone	3 hours each	Yes
	Packages should be reorganized	Julian	2 hours	High	Paul	2 hours	Yes
	Sprint plan and reflection	Paul (scrum master)	2 hours	Normal	Paul	2 hours	Yes

## User Stories

### Story 7

As a researcher I want to provide a custom analysis on my input so that 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

A a researcher I want to compare different bits of data so that the differences in the data can be analyzed.

### Story 13

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

### Story 17

As a researcher I want to put codes on the data so that I can detect behaviour patterns.

## **Story 18**

As a researcher I want to call the program for the command line so that I can perform multiple analysis in rapid succession.

## **Story 19**

As a researcher I want to see the table I want to output so that I can see if every transformation worked.

## **Brief reflection**

This sprint was a very important one, as we wanted to couple our script to our operation for our demo this Friday. We did get most of our task done this week, but some features have only their basic functionality. That is what we want to focus on for the next sprint. We want to make the features works for the more difficult cases and extend their functionality. The script now works and makes the correct command for some of the operation, but we didn't have time to couple every operation together. For conversion we detect more complex patterns in the data but we do not yet merge the records into one or look for codes. These functions will be in the next sprint plan. We are happy that we did finish all the must have operations this sprint, that we got the basic script working, that we can import xlsx files and that we can call the GUI from the command line for fast adding of files. We did finish them all in the estimated effort and had a demo for the Friday meeting. Next sprint will be containing more polishing tasks based on the tasks in this sprint and we will try to make the tasks smaller, as we did not finish all of them completely but only the basic functionality of the feature. So we will not make the task only containing a feature, but only as small portion of the feature so can check more easily if the task is still feasible.