Reflection on Iteration # 7

Context Project: Health Informatics
Group: HI2 / group B

User Story #	Task #	Task Assigned to	Estimated Effort per Person per Task	Actual Effort per Person per Task (in hours)	Done (yes/ no)	Notes
	Emergent Architecture Design	Rick, Arnout	2, 2	2, 2	Yes	
	Test InputPage, InterResultController, Help package	Pascal	5	5	Yes	
	Test Chunk, Interpreter, Parser package	Wim	5	5	Yes	
	Test Connection, Task, Constraints, XMLDocument	Rick	5	5	Yes	
	Test interfacecomponents package	Jelmer	5	5	Yes	
Analysts wants to make graphs of the result data and export.	Output Page write results to file	Wim, Jelmer	2, 2	2, 1	Yes	
	Output Page checkboxen for which graphs	Jelmer, Wim	2, 2	2, 1	Yes	
	Output Page frequency bar	Jelmer, Wim	2, 2	2, 2	Yes	
	Output Page State-transition matrix	Wim, Jelmer	2, 2	3, 3	Yes	
	Output Page Boxplot	Wim, Jelmer	2, 2	2, 2	Yes	
	Output Page stem and leaf	Wim, Jelmer	2, 2	1, 1	No	Note 1
	Output Page histogram	Jelmer, Wim	2, 2	1, 1	No	Note 1
	Output Page export graph	Jelmer, Wim	2, 2	2, 2	Yes	
Analysts wants to use a language to output data	Computation implementation	Arnout, Rick	4, 4	4, 4	Yes	
	Computation test	Pascal	3	-	No	Problem 1
	Conversion implementation	Rick, Pascal	3, 3	-	No	Problem 1
	Conversion test	Arnout	2	-	No	Problem 1

	Comparison implementation	Pascal	4	4	No	
	Comparison test	Pascal	3	-	No	Problem 1
	Check gui on duplicated methods	Wim, Jelmer	4, 4	5, 5	Yes	
	Save, merge table pop-up button	Jelmer, Wim	2, 2	2, 3	Yes	
	Error handing analyse	Arnout, Rick	2, 2	2, 2	Yes	
	Data selection on line	Pascal, Arnout	3, 3	3, 3	Yes	
	Code page help update	Pascal	2	2	Yes	
	Save database	Arnout, Rick	3, 3	3, 3	Yes	
	Database on project	Arnout, Rick	4, 4	4, 4	Yes	
	Undo update for C's	Pascal, Rick, Arnout	-	4, 4, 4	Yes	
	Bug fixing codes, chunking, comments, connections	Rick, Arnout	-	6, 6	Yes	

*The first person in the Task Assigned To area is the responsible person for the Task.

We tried to include all must-have features in our program this week. Due problems while writing test, we didn't accomplish this. However all the must-haves graphs are implemented. The interface is almost done, it only needs some small adjustments according to the feedback. The database works with different projects, so in general we are pleased with this sprint.

Note 1

Description:
We decided to implement the must-have graphs first. It took a lot of time to finding the correct library for the graphs and figure out how to transform the data into graphs. We expected some delays, so the priority of the could-have graphs wasn't high. The could-have graphs would only be implemented if there was enough time left. This wasn't the case.

Main Problems Encountered

Problem 1

Description:
We wrote a lot of code last sprint, but didn't test well. This sprint we encountered bugs in testing and the fixes had high priority, because the static analysis tools depends on the C's like code/comment/connections. Therefore we could not finish computation and comparison completely.

Reaction:
We improved the algorithm of the C's to compute faster and bug free. Now the program runs faster and with less memory. This took a lot of time, so we didn't complete the new features. We still began implementation and it is close to finished. We still need testing of the new features and link the implementation to the Interface. We could have seen this coming because of the low test effort of last sprint.

Adjustments for the next Sprint Plan

Next time we need to keep a bit of time reserved for problems that could occur.