

Sprint Plan #7

Group: Health Informatics 5

User Story	Task	Assigned to	Estimated Effort	Priority
Story 7/8	The scripting engine should show usefull parser errors	Matthijs	5 hours	High
	The script must create temporary table for following operations	Matthijs	5 hours	High
Story 12	The operations could be able to be executed on a single chunk	Robin	10 hours	Medium
	There could be simple arithmic operations possible on a chunk like average and sum	Robin	10 hours	High
Story 20	The input/script GUI should be coupled to the visualization GUI	Julian	10 hours	High
	There should be a histogram of the selected stem plot leaf	Paul	5 hours	High
	The State Transition Matrix should be based on codes, not on column	Paul	5 hours	High
	The table GUI should contain record numbers	Julian	1 hours	Medium
	The table GUI should be resizable	Julian	2 hours	Medium
	The table GUI should be scrollable	Julian	2 hours	Medium
	It must be possible to export a xml file based on a Table	Julian	5 hours	High
	There must be a box plot of the selected data	Jan	5 hours	High
Story 21	There could be a XML maker	Jan	15 hours	Medium
Story 22	There should be a manual for this porduct	Paul	5 hours	Medium
Organisation	Update emerging architecture	Jan	2 hours	Low
	Make prototype for friday	Paul	5 hours	Medium

	Code base must be checked on duplication	Matthijs	5 hours	High
	Code base could have a Model View Controller pattern	Matthijs	5 hours	Medium
	Sprint plan and reflection	Paul (scrum master)	2 hours	Medium

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.