Sprint plan 6

Context Project: Health Informatics

Group: HI4

User Story	Task	Task Assigned To	Estimated Effort per Task
The user wants to have access to data from previous layers	- Create a new controller that contains all the other controllers - Make sure that access is only granted to controllers that occurred previously in the pipeline	Matthijs Matthijs	4 hours 2 hours
The user wants to identify dependencies between particular events (e.g. A -> B or B -> A)	- Extend the language construct for comparison on events - Extend the implementation of the comparison operation with lag sequential analysis (LSA)	Hans Hans	2 Hours 5 Hours
The user wants the program to automatically generate behavior of web site response to create a new input stream for analysis	- Extend language construct for converting - Implement (script) code for conversions on the data - Compare the generated feedback with feedback of the system and patients behavior and store the results in the right data structure	Elvan Elvan Elvan	2 Hours 5 Hours 3 Hours

The user wants to use the output from an operation as input for another operation (variables)	- Add an option to store a sequential data object as a variable - Add an option to run the sequential data again	Hans Hans	3 Hours 3 Hours
The user wants to be able to view and save graphs of the analyzed data	- Implement the graphing library d3.js in the GUI in a way it's easy to create new graphs	Remi	5 Hours
The user wants to be able to specify and store the data that needs to be visualized to explore a particular part of the data visually	- Add an option to select particular columns for plotting - Add the option to store the data in specified format (store to image and pdf)	Sven Remi	3 Hours 5 Hours
The user wants to have a timeline that visualises all the events happened during a period of time to explore the data visually	- Let the user specify a particular period of time - Create a timeline that shows all the events that happened during that period of time	Remi Remi	2 Hours 5 Hours
The user wants to visualize the analysed data with frequency bars to explore the frequency of specific events in the data.	- Create an option to show frequency bars of data - Let the user specify the event that needs to be visualized - Implement frequency bars	Elvan Elvan Elvan	2 Hours 2 Hours 5 Hours
The user wants to visualize the frequency of time between measurements with boxplots to explore the dataset visually	- Create an option to show boxplots of data (optional, otherwise next sprint) - Implement stem and leaves plots (optional, otherwise next sprint)	Sven Sven	2 Hour 5 Hours

The user wants the data to appear in every sequential data file if no primary key is selected	- Add an option to deselect the primary key - Adjust the sequential data file in such a way so that it can be constructed without a primary key	Matthijs Matthijs	2 Hours 4 Hours
The user wants to be able to add comments to records with unexpected results to indicate them	- Add comment option in the GUI with every record that is shown	Matthijs	2 Hours (moved from previous sprint)
Bugfix: The user wants to use the filename as the primary key.	- Implement an alternative to primary key selection	Matthijs	3 Hours
The client wants an up to date emergent architecture document	- Update the architecture document	Sven	2 Hours
The user wants example codes for some of the questions.	- Write the questions given by Wenxin to example codes	Hans & Sven	5 Hours pp

Remaining Tasks

(non-sprint related tasks that are not mentioned above)

- Acceptance testing with Wenxin Wang
  On Wednesday (03/06) we are going to meet with Wenxin to get her feedback on the workflow and graphical user interface of the program.
- Extra room for flexibility
  We left two hours room for each group member for flexibility.
- Interaction design sessions
  On Wednesday (03/06) there will be a meeting with Brinkman to discuss our plan for the special section on Interaction Desgin in the final report.
- Lectures on SIG and Project skills

General explanation on responsibilities

- Programming tasks
  The group member who is assigned to a programming task has the responsibility to implement the corresponding feature and to fully test it (with at least 75% line coverage). After a feature is done, he should open a pull request for it and make sure that the code is approved by at least two other group members and merged with the master branch before the deadline of the current sprint.
- Documenting tasks
  The group member who is assigned to a documenting task has the responsibility to write the corresponding sections and to perform a spell check. After the part is written, he should open a pull request for it and make sure that the document is approved by at least two other group members and that all sections are merged with the master branch before the deadline of the current sprint. If the document also has to be uploaded on Blackboard, he is responsible for doing this on time.