

Product Planning

Health Informatics 3

May 4, 2015

1 Introduction

2 Product

2.1 Product Backlog

For the product backlog we use the MoSCoW method.

2.1.1 Must Haves

- Language for description the analysis
- Reading in the analysis description file
- Reading in the data description file
- Indicating the data connections between the different datafiles
- Indicating the meaning of the various data inputs
- Reading in data from different sources using the data description file
- The 8 C's for data analysis
 - Chunk analysis
 - Comments
 - Codes
 - Connections
 - Comparisons
 - Constraints
 - Conversions
 - Computations
- Specifying the output and output format
- Visualizations from the data analyzed
 - Frequency bars
 - Line graph
- Manual for the analysis description language

2.1.2 Should Haves

- Visualizations
 - Box plot
 - Stem leave
 - State transistion matrix
 - Lag analysis
- Exporting the visualizations to images
- Preimplemented codes in our analysis description language

2.1.3 Could Haves

- Visualizations
 - Histogram
 - Markov chain graph transition diagram dengen
- Editor for inputting the analysis description
- Mass input for batch processing
- Preview of the output from the analysis

2.1.4 Would Haves

- Handy GUI for specifying the analysis

2.2 Roadmap