Log of Remco Geuze

Week: 49

Moment of writing: 07-12-2015

Log number: 6

# What I worked on:

Following is my log of what I did during the last week, a txt version of this log will also be available.

Last week I delved into EAGLE, figured out how to work with it and prepare everything for a short workshop for our project group. In order to do this I needed to make a new eagle library with our component and design our component.

Seeing as how I have not a lot of experience with the EAGLE software this took some time.

I also had a look into what kind of data the sensors send back and wrote a document about that.

I started writing a document on how we should configure the PCB (which resistors we need) however in order to finish this conclusively I need to write a program that goes through 80 combinations of 4 numbers and then finds the maximum amount of different combinations we can have without those 4 numbers interfering.

I gave a short workshop (Roughly 1-1.5 hours) in designing a pcb, in which the group as a whole designed the pcb. However due to a what seemed to be a problem with the component I made but is instead something we did not know about in eagle I had to redesign the board today (Monday 07-12-2015)

# What I think the rest of the group worked on:

# According to project meeting we had last week Débora should be done with determining a test procedure for calculating the covariance matrices.

I have however not been able to verify that.

Junior looked into gnuplot in order to do basic visualization.

Both group members where active during the designing workshop in pcb design.

# Availabillity:

The word version of this log will be send to Bryan Williams.

The word version will be uploaded to blackboard.(file exchange of this group until we have a different location)

Both the word and the txt versions will be available on github:

<https://github.com/Ylvakiller/WeekLogCENSI>

This github will hold all the weekly logs