CC3501 weekly report example

Group number: 2
Team members: Hunter Kruger-Ilingworth, Thomas Mehes, Quentin Bouet
Week number: 13

Progress this week:

Task	Who did it?	What were the outcomes?	Who did the peer review?	What did you learn?
Finish code	Hunter	Improved SDI-12 sensor integration. Implemented multi-SDI-12 sensor polling. Added dew point generator interfacing support.	Quentin	Reviewed the overall program, removed unnecessary comments and added comments in main.cpp for better documentation.
Report	Quentin	Completed the tikz diagram that summarise overall design. Create flowchart of program.	Thomas	Reviewed the entire report before submission.
Report	Thomas	Fix layout of report, by renaming sections and subsections. Wrote conclusion. Reduced the word count and rewrote some sections.	Hunter Quentin	Reviewed the entire report before submission.
Demo	Hunter, Thomas, Quentin, Pierre	Demonstrated the final product	Laurance	Enjoyed the presentation

Overall project tracking:

Week number	Milestones
4	Confirm project topic
5	Begin Overview and planning
6	Hardware design: Microcontroller, DAC, SD card, flash and usb interface
7	Hardware design: Voltage regulators, loadcell circuit layout and testing, SDI-12 testing and interfacing and Informal check with Laurance
8	Hardware design: write working SDI-12 code, start PCB layout Finalise draft schematic for Laurance to review.
9	Finish PCB layout and review to make sure all design rules pass. Implement fixes to the PCB. Final PCB design submitted on Friday to Terence
LR	Software: Begin development that doesn't require hardware testing Report: begin report writing

10	Hardware: Solder components to PCB and begin interfacing Software: Coding to receive data from I^2C DAC and optimise more SDI-12 sensor code
11	All major functionality of the project working but unrefined. Fixed hardware issues and updated software.
12	Software: data logging applications including averaging, variable sampling periods and clean exported data. Verify all hardware functionality, perform testing of existing software on the physical board. Polish the software.
13	Implement final bug fixes. Write the report. Demo day during Tuesday lab.