CC3501 weekly report example

**Group number:** 2 **Team members:** Hunter Kruger-Ilingworth, Thomas Mehes, Quentin Bouet  
**Week number:** 6

**Progress this week:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task** | **Who did it?** | **What were the outcomes?** | **Who did the peer review?** | **What did you learn?** |
|  |  | Chose voltage regulator and drew schematic in Altium |  | Capacitor size was not correct according to the datasheet. This was fixed. |
|  |  | Reviewed available parts, chose the LIS3DH accelerometer, drew schematic in Altium |  | The schematic matches the datasheet, all pins are correct. No issues identified. |
|  |  | Created a list of functions in a new file “leds.h” to enable the rest of the software to easily control this part of the hardware. The functions have not been written yet (only their definitions are in the header file so far). |  | Suggested to rename some of the functions to make it more consistent with the rest of the software project. Added some more comments to the code to make it clearer. |

**Overall project tracking:**

|  |  |
| --- | --- |
| **Week number** | **Milestones** |
| 4 | Confirm project topic |
| 5 | Begin Overview and planning |
| 6 | Hardware design: Microcontroller and usb interface |
| 7 | Hardware design: SDI-12 interfacing and sd flash?? Informal check with Laurance |
| 8 | Hardware design: finish PCB layout and review to make sure all design rules pass. Submit draft schematic to Laurance for review.  Begin Software |
| 9 | Implement fixes to the PCB.  Final PCB design submitted on Friday to Terence |
| LR | Software: do stuff |
| 10 | Software: do stuff |
| 11 | Software: do stuff |
| 12 | 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 Friday lab. |