Data aquisition System - Weekly Status Report

# Project Summary

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| Report Date | Project Name | Prepared By |
| 10/28/13 | Data Acquisition System Design | Caleb McNevin |

# Status Summary

We have a working menu system on the current microcontroller with minor bugs to be worked out within the next few weeks. I am working on new budget proposal. Change of hardware choice; now using AT90CAN128 with more Input/output pins, higher memory, and CAN bus implementation that is very popular in the automotive field. PCB designs have begun. Tasks have begun being delegated to system members. One member has already taken part responsibility for designing the telemetry system and presentation software. I have looked into using GEMS Data Analysis software for presentation of our data and it appears to be feasible.

# Weekly Overview

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| Task | % Done |  | Notes |
| Datalogger Firmware | 20% |  | Interface and menu system nearly complete |
| PCB Designs | 20% |  | Datalogger and Shift Light PCB started |
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# Coming Week

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| Work on Datalogger Firmware. Finish delegating tasks – PCB Design, Shift System Firmware, Sensor Selection/Mount design – to system members. Meet for budget proposal. Order development tools (Logic Analyzer, AT90CAN128 development board). Continue PCB designs. |
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# Conclusions/Recommendations

Everything is on schedule – no action is necessary.