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# Week 1

## Scott

Weekly Progress Report  
Monday December 30th - Sunday January 5th  
From: Scott Lawson  
  
Tasks Completed:  
     Initial Draft of Requirements Document  
     Revision 2.0 of Requirements Document  
     Proposal Meetings Scheduled  
  
Next Week's Tasks:  
     Attend Proposal Meeting  
     Revise requirements if necessary based on meeting  
  
Roadblocks:  
     None

## Max

Worked on milestones for timeline.  
     Started with general dates for rough outline in Word.  
     Transferred to MS Project with more specific dates.  
  
This week:  
  
Prepare for proposal presentation with sponsor.

## Chris

--as of 1/6/2014 @ 9:00am--  
  
this week: needs for proposal  
next week: block diagram/flowchart  
possible issues: needs restates things mentioned in other portions of   
proposal

# Week 2

## Scott

Tasks Completed This Week:  
     Attended proposal revision meeting  
     Created v1.0 of Budget  
  
Tasks Assigned for Next Week:  
     Attend proposal presentation meeting  
     Revise budget and requirements documents based on meeting  
     Complete ARs resulting from meeting  
     Choose time/day for weekly meetings  
  
Roadblocks:  
     Waiting on proposal acceptance from Mike to move ahead with design work  
     Waiting on responses to weekly meeting doodle poll

## Chris

this week: I completed a flowchart/state diagram.  
next week: Get input from sponsor and finalize the proposal.  
possible issues: There were to many unknowns about the project to   
complete a block diagram with a high level of detail (i.e transmission   
style, equipment style, or what is to be sensed).

## Max

Last Week:  
  
Worked on merging select files into one document for proposal. Documented in a format that can potentially be used for all documents from here on out. About 70% done with proposal. Some content need to be added including diagrams.  
  
This week:  
  
Finish proposal  
Pending proposal approval, work on filling in timeline.  
Begin researching designated area.

# Week 3

## Scott

Completed Last Week:

* Attended proposal and implementation meetings
* Finalized weekly meeting time and location
* Narrowed microcontroller options to three possibilities
* Produced corresponding specification spreadsheet
* Arranged for delivery of samples and evaluation tools for each
* Selected USB as method of interfacing our device and a computer
* Revised proposal to v1.3

Next Week's Tasks:

* Software Plan
* Attend meeting with Cypress sales representative
* Finalize microcontroller selection

Set-backs and Important Notes:

* PSoC4 is most likely candidate
* No current roadblocks

## Max

Completed Last Week:

* Researched sensor signal conditioning.
* Began populating timeline.

Next Week’s Tasks:

* Continue populating timeline. Strive for ~70% completion
* Research temp and Co2 sensor parameters.
* Meet with Cypress applications engineer.

Set-backs and Important Notes:

* Cypress Engineer to talk about PSoc4
* Sensor specs will dictate conditioning circuit topology.

## Chris

Completed Last Week:

* Researched ADC
* Worked on wiki

Next Week’s Tasks:

* Research Interface options from base to sensor
* Start learning how to use the python IDE

Set-backs and Important Notes:

* ADC's can be implemented on controller and likely don't need to be separate
* Learning a new programming language in the middle of a project