# **Sensor Platform**

# PSU Capstone Project

# WPR

Last Week: 1/30 – 2/6

Next Week: 2/7 – 2/13

# Colten Nye

## Last week:

* Reviewed and annotated requirements originally provided by the sponsors.
* Composed thoughts / questions / comments on how to address a few key requirements.
* Created WPR template and distributed to team members.
* Resolved Github Cloning issue on my machine.

## Next week:

* Gain clarification and opinions from sponsors on a few of the original requirements.
* Formalize requirements document.
* Gain sponsor approval of the requirements document.
* Polish and rehearse Project Proposal.

## Issues:

* Proposal Presentation is behind schedule.

# Steve Peirce

## This week:

* Studied for ECE486 Midterm/Homework assignment 3.
* Furthered work projects to a point that I can focus on this project.
* Communicated with team about updates, little has changed since last week.
* Continued reading datasheets.
* Continued researching any potential pitfalls/oversights on current design.

## Next Week: (Carried over from last week)

* Complete (at minimum) "Blink" type program on STM32.
* Begin final software outline:
  + Modules required for JTAG ICP (in circuit programming)
  + Modules required for USB IAP (in application programming)
  + Modules required for embedded program
  + Interface requirements between applications outlined
* Begin building Wiki outline.
* Compose Proposal, Requirements doc, Test Plan, etc.

## Issues:

* Proposal presentation must be completed and practiced ASAP.
* Team meeting schedule needs to be established.
* No running code thus far
* Final Bill of Materials needs to be established, priced, reviewed and approved.
* Schematics need to be started.

# Golriz Sedaghat

## Last week:

* Read parts of the STM32 datasheet in order to become familiar with the general design of the chip.
* Started on the preliminary main board design.
* Reviewed the collected information regarding project requirement provided by Colten.

## Next week:

* Create the symbol for [STM32F205RCT6](http://www.mouser.com/Search/ProductDetail.aspx?qs=ZjM2s42DDybn8Yo52JiGMw%3d%3d) and complete the design.
* Revise and complete the project proposal.

## Issues:

* [STM32F205RCT6](http://www.mouser.com/Search/ProductDetail.aspx?qs=ZjM2s42DDybn8Yo52JiGMw%3d%3d) symbol does not exist in Eagle library and therefore I need to create the symbol.
* I still cannot clone Github repository to my PC.