	2011-11				2011-12				2012-1				2012-2				2012-3				2012-4			
	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Colony																						■	**Colony**		
Battery Level Indicator																									
Improve library error codes																									
Better sanity check for invalid BOM type																									
XBee/Wireless Initialization																									
get all the library inti's and functions (...)																									
Xbee Documentation																									
xbee baud rates																									
Wireless - core send, ack functions																									
Wireless - xbee.c																									
xbee id																									
investigate new AVR simulator?																									
Conclusion on filter design	Assigned 0%																								
Figure out rangefinders group	Assigned 0%																								
Complete SURG form	Assigned 0%																								
Check/Order robot battery clips	Assigned 50%																								
Line Follower Collimator																									
Redo robot pants																									
Get Colony videos onto VideoTron. Embed in (...)																									
Clean up repository branches																									
Add Line Following to Library																									
Profile different mapping surfaces																									
Make Hunter-Prey Ref More Verbose																									
Clean up Colony-New and prepare for next (...)																									
Implement Intersection Behavior																									
wl_basic_do_default(int *length) doesn't (...)																									
Schedule Fleet Maintenence Day																									
Discuss and Contact about Extra Colony III (...)																									

Colony - Hardware

    Design Dragonfly Replacement Board

    Investigate how to use the JTAG ICE

Colony - Library

    Make sure all robots program the correct (...)

Colony - Reliability

    Automatically update robot status page (...)

Colony Scout
                                                         Colony Scout

    Colony Environment

    Software Architecture

    Reflow Oven Temperature Regulation

    Update Boards on Eagle

    Research PCB Assemby Costing

    Website Work Log

    Video for Scout Intro

    Create ROS Node: Buttons — Assigned 100%

    Create ROS Node: Timer — Assigned 100%

    Create ROS Node: IMU — Assigned 0%

    Create ROS Node: Accessory — Assigned 100%

    Create ROS Node: Encoders — Assigned 100%

    Create ROS Node: Wireless — Assigned 0%

    Create ROS Node: USB Serial — Assigned 80%

    Create ROS Node: Cliffsensors — Assigned 100%

    Create ROS Node: BOM — Assigned 90%

    Create ROS Node: Analog — Assigned 0%

    BOM Interference Testing — Assigned 0%

    BOM Driver Code — Assigned 0%

    Sonar Wiring — Assigned 0%

    Sonar Position Tracking

    Send Sonar Readings to ARM

    Automate Stepping and Sonar Reading

    Sonar on ARM

    Make ARM command Sonar on AVR

    Read IMU values and send to ARM — Assigned 0%

Task	Assignment
Pose Estimation	Assigned 0%
Motor & Encoder Wiring	
Control Motors (ARM)	Assigned 10%
Track Encoders	
Charging Base	
Print and Test Scoutfly	
Create Scout Chassis	
Make wiring kits for Scout	
IMU on ARM	Assigned 0%
ROSSERIAL on ARM	Assigned 0%
CliffSensor on ARM	Assigned 0%
Create Transmitting Protocal	Assigned 0%
Wireless on ARM	Assigned 10%
Cliff Detection	Assigned 0%
Buttons on ARM	Assigned 0%
USB Serial on ARM	Assigned 0%
Control Headlights	
Power Up Rest of Scoutfly	
Get Old Boards and Funding Info	
Test AVR on ARM	Assigned 0%
Get Sonar Stepping and Reading	Assigned 0%
"Automated" Turning	Assigned 0%
Add Fuel Guage and Protection circuit (...)	
BOM returns values even when IR LED (...)	
File Error Service call	
Colony Scout - 1.0	
BOM Send/Receive Functions	
Assembly Instructions	
Fix Encoder pinout on breakfly	
Colony Scout - 1.2	
NanoRK Wireless Library	
Loook @ Robostix AVR<->ARM Comms (...)	
Electronics Purchasing, OCT-08	Assigned 0%
Colony Scout - Development	

Task	Status
System Wiring	
Look into accelerometer speed	**Assigned 0%**
Email Red W	**Assigned 50%**
Create roboclub demo	
Audio Command & Output Accessory	
Design SmartFly Smart Acessory (...)	**Assigned 20%**
Mechanical Work Log	
Check speaker magnet interference (...)	
HyLo	**HyLo**
type proposed proposal	**Assigned 0%**
Meeting	
Mechanical Logic Gates	**Mechanical Logic Gates**
Update - website	**Assigned 0%**
You Tube + Display Case	**Assigned 0%**
Website - host on roboclub	**Assigned 0%**
Look into getting copywrite	**Assigned 0%**
Wishlist	
Sell T-shirts on website	
Arbor Press	
Horizontal Band Saw	
Compressed Air System	
Quadrotor	**Quadrotor**
Make Wishlist of Parts	
Fix the Quadrotor	
Point Cloud Display	
Design aluminum frame for Quad1	**Assigned 0%**
Make private repository	
Email Harrison to Order Parts	
USB to micro USB cable	
RoboBuggy	**RoboBuggy**
Write a SURG Grant	**Assigned 40%**
RobOrchestra	**RobOrc**
Model Solenoids for brassbot in Solidworks	**Assigned 0%**
Get Pianobot modelled with the piano	**Assigned 0%**

Parts List (pianobot) (someone work on this? (...)
Algorithm for Pianobot?
Tooltron
  Write tutorial about network programming
  Tooltron - 1.0
    script for network programming
    notifications of tool boot packets in (...)
    Put up a warning sign for Tooltron swiping (...)
    Document the Network Bootloader
    Document the States of the toolbox/cardbox
    Server dies when internet is out
    update server docs
  Tooltron - 1.1
    timeouts not working correctly
    remove server hacks
    organize repo
    Document new Error codes on Cardbox
    order more boards and replace drill-press (...)
  Tooltron - 2.0
    Keypad row 3 (7,8,9,C) does not work
    MySQL Stored Procedures
    Tooltron status indicator
Underwater Swarm Bots
  FTDI cable
WCTU
  WCTU - WCTU Version 1.0
    Create v1.0 JS Client Revision 1

Underwater Swarm Bots
Assigned 0%

WCTU
WCTU -WCTU Version 1.0 50%
Assigned 0%