	2017-10				2017-11					2017-12				2018-1					2018-2				2018-3				
	40	41		43	44	45	46	6 47	48	49	9 50	51	52	1	2	3	4	5	6	7	7	8	9	10	11	12	2 1:
Colony		Color	ny																								
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		Assig	-																								
Figure out rangefinders group		Assig	-																								
Complete SURG form		Assig	-																								
Check/Order robot battery clips		Assig	gned	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	
<b>Reflow Oven Temperature Regulation</b>	
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%

<b>D D U</b>	Assigned 0%
Pose Estimation	
Motor & Encoder Wiring	Assigned 10%
Control Motors (ARM)	
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	
	I

System Wiring	
Look into accelerometer speed	
Email Red W	Assigned 0%
Create roboclub demo	Assigned 50%
Audio Command & Output Accessory	
Design SmartFly Smart Acessory ()	
Mechanical Work Log	Assigned 20%
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	RobOrchestra
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	Underwater Swarm Bots
FTDI cable	Assigned 0%
WCTU	WCTU
WCTU - WCTU Version 1.0	WCTU -WCTU Version 1.0 50%
Create v1.0 JS Client Revision 1	Assigned 0%