	2012-9				20	12-10	0		2012-11				2012-12				2013-1					2013-2			
	36			39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8
Colony	c	olon	ij	•			•	•	•	•	_			•	•	•			•		•	•	•	•	•
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																									
Conclusion on filter design		ssig																							
Figure out rangefinders group		ssig																							
Complete SURG form		ssig																							
Check/Order robot battery clips	A	ssig	ned :	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																									

04/27/2024 1/5

Investigate how to use the JTAG ICE	
Colony - Library	
Make sure all robots program the correct ()	
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%
Pose Estimation	Assigned 0%
Control Motors (ARM)	Assigned 10%
Track Encoders	
Charging Base	

04/27/2024 2/5

Create Scout Chassis	
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%
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	
System Wiring	
Look into accelerometer speed	
Email Red W	Assigned 0%
Create roboclub demo	Assigned 50%
Design SmartFly Smart Acessory ()	
Mechanical Work Log	Assigned 20%
Check speaker magnet interference ()	
0	HyLo

04/27/2024 3/5

type proposed proposal Meeting **Mechanical Logic Gates** Update - website You Tube + Display Case Website - host on roboclub Wishlist **Compressed Air System** Quadrotor Fix the Quadrotor **Point Cloud Display** Design aluminum frame for Quad1 Make private repository **Email Harrison to Order Parts** USB to micro USB cable RobOrchestra Model Solenoids for brassbot in Solidworks Get Pianobot modelled with the piano **Tooltron** Write tutorial about network programming Tooltron - 1.0 script for network programming notifications of tool boot packets in (...) **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

Assigned 0%

Mechanical Logic Gates
Assigned 0%
Assigned 0%

Quadrotor

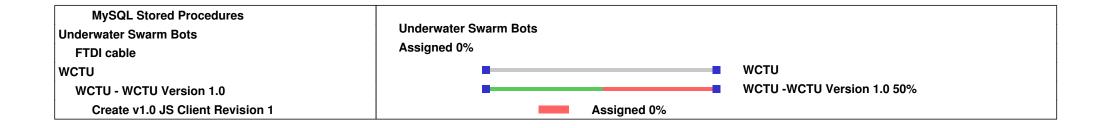
Assigned 0%

Assigned 0%

RobOrd

04/27/2024 4/5

Assigned 0%



04/27/2024 5/5