

	2020-7				2020-8				2020-9				2020-10				2020-11				2020-12					
	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	
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																										
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 Maintenance Day																										
Discuss and Contact about Extra Colony III (...)																										
Colony - Hardware																										

<p>Investigate how to use the JTAG ICE</p> <p>Colony - Library</p> <p>Make sure all robots program the correct (...)</p> <p>Colony Scout</p> <p>Colony Environment</p> <p>Software Architecture</p> <p>Reflow Oven Temperature Regulation</p> <p>Update Boards on Eagle</p> <p>Research PCB Assembly Costing</p> <p>Website Work Log</p> <p>Video for Scout Intro</p> <p>Create ROS Node: Buttons</p> <p>Create ROS Node: Timer</p> <p>Create ROS Node: IMU</p> <p>Create ROS Node: Accessory</p> <p>Create ROS Node: Encoders</p> <p>Create ROS Node: Wireless</p> <p>Create ROS Node: USB Serial</p> <p>Create ROS Node: Cliffsensors</p> <p>Create ROS Node: BOM</p> <p>Create ROS Node: Analog</p> <p>BOM Interference Testing</p> <p>BOM Driver Code</p> <p>Sonar Wiring</p> <p>Sonar Position Tracking</p> <p>Send Sonar Readings to ARM</p> <p>Automate Stepping and Sonar Reading</p> <p>Sonar on ARM</p> <p>Make ARM command Sonar on AVR</p> <p>Read IMU values and send to ARM</p> <p>Pose Estimation</p> <p>Control Motors (ARM)</p> <p>Track Encoders</p> <p>Charging Base</p>	<p>Colony Scout</p> <p>Assigned 100%</p> <p>Assigned 100%</p> <p>Assigned 0%</p> <p>Assigned 100%</p> <p>Assigned 100%</p> <p>Assigned 0%</p> <p>Assigned 80%</p> <p>Assigned 100%</p> <p>Assigned 90%</p> <p>Assigned 0%</p> <p>Assigned 0%</p> <p>Assigned 0%</p> <p>Assigned 0%</p> <p>Assigned 0%</p> <p>Assigned 10%</p>
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Create Scout Chassis	Assigned 0%
IMU on ARM	Assigned 0%
ROSSERIAL on ARM	Assigned 0%
CliffSensor on ARM	Assigned 0%
Create Transmitting Protocol	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	
Look @ 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 Accessory (...)	
Mechanical Work Log	Assigned 20%
Check speaker magnet interference (...)	
HyLo	HyLo

<p>type proposed proposal</p> <p>Meeting</p> <p>Mechanical Logic Gates</p> <p>Update - website</p> <p>You Tube + Display Case</p> <p>Website - host on roboclub</p> <p>Wishlist</p> <p>Compressed Air System</p> <p>Quadrotor</p> <p>Fix the Quadrotor</p> <p>Point Cloud Display</p> <p>Design aluminum frame for Quad1</p> <p>Make private repository</p> <p>Email Harrison to Order Parts</p> <p>USB to micro USB cable</p> <p>RobOrchestra</p> <p>Model Solenoids for brassbot in Solidworks</p> <p>Get Pianobot modelled with the piano</p> <p>Tooltron</p> <p>Write tutorial about network programming</p> <p>Tooltron - 1.0</p> <p>script for network programming</p> <p>notifications of tool boot packets in (...)</p> <p>Document the Network Bootloader</p> <p>Document the States of the toolbox/cardbox</p> <p>Server dies when internet is out</p> <p>update server docs</p> <p>Tooltron - 1.1</p> <p>timeouts not working correctly</p> <p>remove server hacks</p> <p>organize repo</p> <p>Document new Error codes on Cardbox</p> <p>order more boards and replace drill-press (...)</p> <p>Tooltron - 2.0</p>	<p>Assigned 0%</p> <p>Mechanical Logic Gates</p> <p>Assigned 0%</p> <p>Assigned 0%</p> <p>Assigned 0%</p> <p>Quadrotor</p> <p>Assigned 0%</p> <p>RobOrchestra</p> <p>Assigned 0%</p> <p>Assigned 0%</p>
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MySQL Stored Procedures 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%
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