














	2011-6				2011-7					2011-8					2011-9				2011-10				2011-11			
	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	
<b>Colony</b>																										
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 Maintenance Day																										
Discuss and Contact about Extra Colony III (...)																										

Colony


<p><b>Colony - Hardware</b>  Design Dragonfly Replacement Board  Investigate how to use the JTAG ICE</p> <p><b>Colony - Library</b>  Make sure all robots program the correct (...)</p> <p><b>Colony - Reliability</b>  Automatically update robot status page (...)</p> <p><b>Colony Scout</b></p>		
<p>Colony Environment  Software Architecture  Reflow Oven Temperature Regulation  Update Boards on Eagle  Research PCB Assembly Costing  Website Work Log  Video for Scout Intro  Create ROS Node: Buttons  Create ROS Node: Timer  Create ROS Node: IMU  Create ROS Node: Accessory  Create ROS Node: Encoders  Create ROS Node: Wireless  Create ROS Node: USB Serial  Create ROS Node: Cliffsensors  Create ROS Node: BOM  Create ROS Node: Analog  BOM Interference Testing  BOM Driver Code  Sonar Wiring  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</p>	<hr/> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 80%;"></div> <div style="width: 15%; text-align: right;"> <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> </div> <div style="width: 5%; text-align: right;"> <p>Colony</p> </div> </div>	<p>Assigned 0%</p> <p>Assigned 0%</p> <p>Assigned 0%</p> <p>Assigned 0%</p> <p>Assigned 0%</p> <p>Assigned 0%</p> <p>Assigned 0%</p> <p>Assigned 0%</p> <p>Assigned 0%</p> <p>Assigned 0%</p> <p>Assigned 0%</p> <p>Assigned 0%</p>

Pose Estimation		Assigned 0%
Motor & Encoder Wiring		
Control Motors (ARM)		Assigned 1
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 Protocol		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		Assigne
Get Sonar Stepping and Reading		Assigned 0
"Automated" Turning		Assigne
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		
Colony Scout - Development		

 Assigned 0%

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

RobOr

<p>Parts List (pianobot) (someone work on this? (...))</p> <p>Algorithm for Pianobot?</p> <p>Tooltron</p> <p>Write tutorial about network programming</p> <p>Tooltron - 1.0</p> <ul style="list-style-type: none"> <li>script for network programming</li> <li>notifications of tool boot packets in (...)</li> <li>Put up a warning sign for Tooltron swiping (...)</li> <li>Document the Network Bootloader</li> <li>Document the States of the toolbox/cardbox</li> <li>Server dies when internet is out</li> <li>update server docs</li> </ul> <p>Tooltron - 1.1</p> <ul style="list-style-type: none"> <li>timeouts not working correctly</li> <li>remove server hacks</li> <li>organize repo</li> <li>Document new Error codes on Cardbox</li> <li>order more boards and replace drill-press (...)</li> </ul> <p>Tooltron - 2.0</p> <ul style="list-style-type: none"> <li>Keypad row 3 (7,8,9,C) does not work</li> <li>MySQL Stored Procedures</li> <li>Tooltron status indicator</li> </ul> <p>Underwater Swarm Bots</p> <ul style="list-style-type: none"> <li>FTDI cable</li> </ul> <p>WCTU</p> <ul style="list-style-type: none"> <li>WCTU - WCTU Version 1.0</li> <li>Create v1.0 JS Client Revision 1</li> </ul>	<p>Assigned 0%</p> <p>WCTU</p> <p>WCTU -WCTU Version 1.0 50%</p> <p>Assigned 0%</p> 
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Underw