	2023-2			2023-3				2023-4				2023-5				2023-6				2023-7			
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
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	
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%**
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	

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
   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%