| | 2011-6 | | | 2011-6 | | | 20 | 011- | -7 | | | 20 | 011-8 | 3 | | | 2011-9 | | | | 2011-10 | | | | 20 | 2011-11 | | |
|---|--------|-------|-----|--------|----|---|-----|------|----|----|----|----|-------|----|---|------|--------|-----|------|----|---------|----|----|----|----|---------|----|----|
| | | 23 | 24 | 25 | 26 | 2 | 7 2 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 3 | 5 36 | 6 37 | 7 3 | 88 : | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| 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 | | Assig | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Figure out rangefinders group | | Assig | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Complete SURG form | | Assig | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Check/Order robot battery clips | | Assig | Ine | d 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

| Colony - Hardware | | 7 |
|---|---------------|------------|
| 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 |
| 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 (|
| BOM Driver Code | | Assigned 0 |
| Sonar Wiring | As | signed 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 |
| Motor & Encoder Wiring | | |
| Control Motors (ARM) | | Assigned |
| Track Encoders | | |
| Charging Base | | |
| Print and Test Scoutfly | | |
| Create Scout Chassis | | |
| Make wiring kits for Scout | | |
| IMU on ARM | | Assigned |
| ROSSERIAL on ARM | Ass | igned 0% |
| CliffSensor on ARM | | Assigned |
| Create Transmitting Protocal | Ass | igned 0% |
| Wireless on ARM | Ass | igned 10% |
| Cliff Detection | | Assigned |
| Buttons on ARM | | Assigned |
| USB Serial on ARM | | Assigned |
| Control Headlights | | |
| Power Up Rest of Scoutfly | | |
| Get Old Boards and Funding Info | | |
| Test AVR on ARM | | Assig |
| Get Sonar Stepping and Reading | | Assigned |
| "Automated" Turning | | Assig |
| 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 () | |
| lyLo | 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% |
| Vishlist | |
| 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 ⁴ |
| Make private repository | |
| Email Harrison to Order Parts | |
| USB to micro USB cable | |
| RoboBuggy | RoboBuggy |
| Write a SURG Grant | Assigned 40% |
| RobOrchestra | |
| Model Solenoids for brassbot in Solidworks | Assigned 0% |
| Get Pianobot modelled with the piano | Assigned 0% |

RobOrd

| Parts List (pianobol) (someone work on this? () Image: Comparison of the Comparison of th | | | 7 |
|--|---|-------------|------|
| Tooltron Write tutorial about network programming Image: Control of the tool programming Image: Control of the tool programming Image: Control of tool programming Image: Control program: Contro of tool programme Image: Contro | Parts List (pianobot) (someone work on this? () | | |
| Write tutorial about network programming Image: Control of Contr | Algorithm for Pianobot? | 1 | |
| 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 MySOL Stored Procedures Tooltron status indicator Underwater Swarm Bots Assigned 0% WCTU WCTU WCTU WCTU WCTU - WCTU Version 1.0 50% Assigned 0% | Tooltron | 1 | |
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| FTDI cable Assigned 0% WCTU WCTU WCTU - WCTU Version 1.0 WCTU - WCTU Version 1.0 50% | Tooltron status indicator | 1 | |
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