**Project Status Report**

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| **Project Name** | Detect-O-Bot 1000 |
| **Team Members** | Alan Cranbury, Mark Mahony, Jack Morgan |
| **Report Date** | November 8, 2013 |

**Project Overall Status: Yellow**

The marking ejection system is capable of ejecting disks via a motor that is powered by an L293. The software is in place to operate the motor. However the software has not been tested. The serial board for the beagle board came in. We are attempting to get the beagle bone to communicate with the HCS12 board via serial port.

**Activities – During the Past Week**

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| --- | --- | --- |
| **Activity** | **Planned Completion Date** | **% Complete** |
| Start testing circuits | Friday, November 1, 2013 | 20 |
| Finish design of op-amp circuits. | Friday, October, 18, 2013 | 70 |
| Get the beaglebone to work with wifi. | Tuesday, October, 15, 2013 | 95 |
| Finish design of coil. | Friday, October, 18, 2013 | 50 |
| Order parts and ask Dave to see what’s available. | Tuesday, October, 15, 2013 | 100 |
| Finish incorporating camera streaming service into joystick software. | Friday, October 18, 2013 | 0 |
| Add code to manipulate IO pins on the beaglebone and manage the motor of the marking ejection system. | Friday, November 08, 2013 | 100 |
| Test code to run the marking ejection system motor. | Friday, November 08, 2013 | 0 |
| Build Marking Ejection System | Friday, October 25, 2013 | 75 |
| Testing Marking Ejection System | Friday, November 1, 2013 | 50 |

**Activities Planned – For the Next Week**

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| --- | --- |
| **Activity** | **Planned Completion Date** |
| Finish testing circuits | Tuesday, November 12, 2013 |
| Finish design of op-amp circuits. | Monday, November 11, 2013 |
| Get the beaglebone to work with wifi. | Monday, November 11, 2013 |
| Finish design of coil. | Monday, November 15, 2013 |
| Finish incorporating camera streaming service into joystick software. | Friday, November 8, 2013 |
| Build Marking Ejection System | Friday, November 8, 2013 |
| Testing Marking Ejection System | Friday, November 8, 2013 |

**Outstanding Issues**

|  |  |  |  |
| --- | --- | --- | --- |
| **Issue** | **Responsibility** | **Date to be Resolved** | **Proposed Resolution** |
| Building and Testing Sensor circuits | All | November 12, 2013 | Work on it. Find time. |
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**Changes to Plan**

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| --- | --- | --- |
| **Change** | **Date of Change** | **Impact to Project** |
| Push all remaining tasks to next week. | Novemeber 8, 2013 | Remains to be seen if project can be completed on time. It is looking not too bad. |
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