**Project Status Report**

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| **Project Name** | Detect-O-Bot 1000 |
| **Team Members** | Alan Cranbury, Mark Mahony, Jack Morgan |
| **Report Date** | November 5, 2013 |

**Project Overall Status: Red**

We now have most of the parts that we require to complete the project, it is a matter of constructing and testing the components. In the last two weeks we have been severely impeded in our progress by assignments and midterms. Unfortunately not nearly as much as we had planned to get done was done. Our status remains largely unchanged from two weeks ago. We are going to attempt to finish the majority of the work left this week, ending November 8th.

**Activities – During the Past Week**

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| --- | --- | --- |
| **Activity** | **Planned Completion Date** | **% Complete** |
| Start testing circuits | Friday, November 1, 2013 | 0 |
| Finish design of op-amp circuits. | Friday, October, 18, 2013 | 70 |
| Get the beaglebone to work with wifi. | Tuesday, October, 15, 2013 | 90 |
| Finish design of coil. | Friday, October, 18, 2013 | 50 |
| Order parts and ask Dave to see what’s available. | Tuesday, October, 15, 2013 | 85 |
| Finish incorporating camera streaming service into joystick software. | Friday, October 18, 2013 | 0 |
| Build Marking Ejection System | Friday, October 25, 2013 | 30 |
| Testing Marking Ejection System | Friday, November 1, 2013 | 0 |

**Activities Planned – For the Next Week**

|  |  |
| --- | --- |
| **Activity** | **Planned Completion Date** |
| Finish testing circuits | Friday, November 8, 2013 |
| Finish design of op-amp circuits. | Friday, November 8, 2013 |
| Get the beaglebone to work with wifi. | Friday, November 8, 2013 |
| Finish design of coil. | Friday, November 8, 2013 |
| Order parts and ask Dave to see what’s available. | Wednesday, October, 30, 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 |
| Start testing circuits/sensors | Friday, November 8, 2013 |

**Outstanding Issues**

|  |  |  |  |
| --- | --- | --- | --- |
| **Issue** | **Responsibility** | **Date to be Resolved** | **Proposed Resolution** |
| Issues are the same as the activities planned for next week. | All | Friday, November 8, 2013 |  |
| USB powered hub and RS-232 converter has not arrived. Joystick/camera/ wifi code is hung up until the hub arrives. We cannot connect the beaglebone to the HCS12 board with the RS-232 converter board. | Jack | Thursday, November 8, 2013 | If no word is received by Thursday, we will begin looking for alternative options on where to find a powered USB hub. |
|  |  |  |  |

**Changes to Plan**

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| --- | --- | --- |
| **Change** | **Date of Change** | **Impact to Project** |
| All remaining work except integration and verification and validation has been pushed back to the end of this week. | November 5, 2013 | If all work is completed, the project will be unaffected. However, in the likely event that all work is not completed, it is possible we might not make the final due date for the project. |
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