**Project Status Report**

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| --- | --- |
| **Project Name** | Elevator System (Phase 1) |
| **Team Members** | Alan Cranbury, Mark Mahony, Nick Oudyk |
| **Report Date** | June 4, 2014 |

**Project Overall Status: Green**

We have finished all major targets in Phase 1. We are capable of detecting button presses from the elevator car and floor nodes and the controller appropriately responds to the button presses, sending messages back to the floor nodes and car node. There is still a limitation on the ultrasonic sensor. It is currently limited to measuring a maximum distance of about 1 meter.

**Activities – During the Past Week**

|  |  |  |
| --- | --- | --- |
| **Activity** | **Planned Completion Date** | **% Complete** |
| Design overall program logic | May 30, 2014 | 100 |
| CAN Nodes - Hardware | May 30, 2014 | 100 |
| CAN Nodes - Software | May 30, 2014 | 100 |
| Develop general CAN BUS API Functions | May 20, 2014 | 100 |
| Test CAN Interface | May 22, 2014 | 100 |
| Input Buttons - Hardware | May 30, 2014 | 100 |
| Input Buttons - Software | May 30, 2014 | 100 |
| Ultrasonic Sensor – Software | May 16 2014 | 90 |
| Ultrasonic Sensor – Calibrate and Test Sensor | May 16 2014 | 100 |

**Activities Planned – For the Next Week**

|  |  |
| --- | --- |
| **Activity** | **Planned Completion Date** |
| Flesh out details of Phase 2 Plan | June 9th , 2014 |
| Tasks planned for week after details determined. | June 13th,2014 |

**Outstanding Issues**

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| --- | --- | --- | --- |
| **Issue** | **Responsibility** | **Date to be Resolved** | **Proposed Resolution** |
| N/A |  |  |  |

**Changes to Plan**

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| --- | --- | --- |
| **Change** | **Date of Change** | **Impact to Project** |
| N/A |  |  |
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