**Project Status Report**

|  |  |
| --- | --- |
| **Project Name** | Elevator CAN bus system |
| **Team Members** | Chris Brown, Jack Morgan |
| **Report Date** | 2014-06-02 |

**Project Overall Status: Green**

We have successfully interconnected four physical nodes on the same bus, with message being sent from the controller to specific nodes. Messages are only accepted at the correct node, and nodes indicate changes after receiving. We have a callbox protoboard built implementing call buttons, status indicators and a 7seg display showing the current elevator car floor. This needs to be duplicated twice more to complete all callboxes. Callbox node logic is nearly done, it will send messages if a call button is pressed, and it will de-illuminate its indicator LED once it receives a message from the controller saying that the elevator car has reached its current floor.

**Activities – During the Past Week**

|  |  |  |
| --- | --- | --- |
| **Activity** | **Planned Completion Date** | **% Complete** |
| Send/receive CAN messages across at least two physical nodes | 2014-05-30 | 100 |
| Construct “call boxes” consisting of proto boards with buttons attached to an Axman board (one board complete) | 2014-05-30 | 100 |
| Successfully send a CAN message when a call button is pressed, and receive it at the controller node | 2014-05-30 | 100 |
| Integrate CAN bus module init code with sonar distance measuring code | 2014-06-03 | 100 |
| Successfully sent messages from controller to two other nodes (three total physical nodes on bus) | 2014-06-02 | 100 |
| Create simple elevator callbox node logic | 2014-06-03 | 100 |

**Activities Planned – For the Next Week**

|  |  |
| --- | --- |
| **Activity** | **Planned Completion Date** |
| Phase 2 project planning | 2014-06-06 |

**Outstanding Issues**

|  |  |  |  |
| --- | --- | --- | --- |
| **Issue** | **Responsibility** | **Date to be Resolved** | **Proposed Resolution** |
| None | - | - | - |

**Changes to Plan**

|  |  |  |
| --- | --- | --- |
| **Change** | **Date of Change** | **Impact to Project** |
| No changes | - | - |