4/5/2013

Team 19 End-to-End Prototype

**Laboratory # 6: End-to-End Prototype**

**Morgan, Laura**

**Miaw, Jireh**

**Hauser, Steven**

**Dworak, Catherine**

**Bertoglio, David**

***Work Product***

**Goals, milestones, and tocumentation of testing of end-to-end prototype including date, time, goals, participants, and results of each test.**

***Document Revision Information***

**4/5/2013 – Document created, results of first test added**

**Approval Sheet**

**All group members whose names are listed below approve of the document and contributed fairly.**

**Member Names**

**Morgan, Laura**

**Miaw, Jireh**

**Hauser, Steven**

**Dworak, Catherine**

**Bertoglio, David**

**Pledge**

**On my honor, as a student, I have neither given nor received unauthorized aid on this assignment.**

**Names**

**Morgan, Laura**

**Miaw, Jireh**

**Hauser, Steven**

**Dworak, Catherine**

**Bertoglio, David**

We pledge that we followed the required procedure for testing.

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# Goals

Our part of the project is responsible for getting the robot to function using the protocol. The goal was therefore to get the robot to recognize and properly deal with all messages related to forward and backward motion, continuous turning, and stopping.

# Milestones

Team accepts design document (3/25/2013)

Team accepts goals for end-to-end prototype (4/1/2013)

Team accepts milestone for end-to-end prototype (4/1/2013)

Team accepts schedule for end-to-end prototype (4/1/2013)

Establish connection between base station and robot (4/5/2013)

Send message from robot to base station (4/5/2013)

Receive message on robot from base station (4/5/2013)

Move robot forward (4/5/2013)

Move robot backward (4/5/2013)

Turn robot (4/5/2013)

Stop robot (4/5/2013)

# Testing

## Test #1

Date: 4/5/2013

Time:

Goals:

* Forward and backward movement of set distances and then stopping on button click on GUI
* Turning set amount on button click on GUI

Participants:

Results: