Apr 7, 2013

Team 19 Implementation Status

**Laboratory # 7: Enhanced Prototype**

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***Work Product***

**This document describes the status of our robot project at the time of prelab 7 on April 8, 2013.**

***Document Revision Information***

**Apr 7, 2013 - Created**

**Approval Sheet**

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

**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.**

**Morgan, Laura**

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**Hauser, Steven**

**Dworak, Catherine**

**Bertoglio, David**

Contents

Summary of Implementation 4

Breakdown by design 4

Activator 4

Driver 4

MessageHandler 4

# Summary of Implementation

# Breakdown by design

## Activator

Main

implementation not complete, but what is complete is tested and working

createConnection

1. implemented, tested, and working

sendMessage

1. implemented, tested, and working

## Driver

implementCommand

implementation not complete, but what is complete is tested and working

moveStraight

1. implemented, tested, and working

moveArc

1. implemented, tested, and working

turn

1. implemented, tested, and working

stop

1. implemented, tested, and working

setSpeed

5. implementation not started

readSensor

3. implemented, compiled, not tested

noOp

1. implemented, tested, and working

## MessageHandler

decodeMessage

1. implemented, tested, and working

createACK

1. implemented, tested, and working

encodeMessage

2. implemented, tested, not working

verifyChecksum

1. implemented, tested, and working

getChecksum

1. implemented, tested, and working

isNumeric

1. implemented, tested, and working

decodeMoveStraight

1. implemented, tested, and working

decodeTurn

1. implemented, tested, and working

decodeMoveArc

1. implemented, tested, and working

decodeStop

1. implemented, tested, and working

decodeSetSpeed

5. implementation not started

decodeReadSensor

4. implementation not complete