

Team 19 Robot Control Specification Verification

Laboratory # 2: Requirements and Specification

Morgan, Laura
Miaw, Jireh
Hauser, Steven
Dworak, Catherine
Bertoglio, David

Work Product

Verification of robot control specification document. Includes documentation of inspection, including mistakes and revisions.

Document Revision Information

Document Revision Information

2/24/13 - created

Approval Sheet

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

Member Names

Morgan, Laura

Miaw, Jireh

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

Dworak, Catherine

Bertoglio, David

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91	Inspection of Document
92	Glossary
93	Are all text macros and symbolic constants used in specification included in
94	glossary? Yes.
95	Are all symbolic constants unchanging? Yes.
96	Are they all defined? Yes.
97	
98	Definition of Modes
99	Are all modes defined? Yes.
100	Is there anything the base computer can do that is not included in the modes? No.
101	
102	Mode Transition Table
103	Are all modes correctly connected? Yes.
104	User Interface
105	Are all buttons defined as events/input? No. New mock up of GUI must be created.
106	Are all displays defined as outputs? Yes.
107	
108	Inputs and Outputs
109	Are all user inputs represented? Verify with use cases
110	Are all outputs to robot represented? Yes.
111	
112	Events
113	All events from user inputs? Yes.
114	All events from output? Yes.
115	
116	Mistakes
117	\$max_speed\$ and \$arc_radius\$ undefined
118	Table of Contents not updated
119	New mock up image of GUI needed with new changes to inputs and outputs
120	accounted for.
121	
122	Revisions
123	\$max_speed\$ and \$arc_radius\$ to be determined after testing.
124	Table of Contents edited.
125	New mock up to be added by group member absent from meeting.