ARCHITENTERPRISES

Team 20

Lab number 3

Specification Critique

March 3rd, 2013

Version 1.0

By signing below, each group member approves of this document and contributed fairly to its completion.

Raymond Tang, Andrew McMillion, Archit Rupakhetee, Tyler Lenig

On our honors, as students of the University of Virginia, we have neither given nor received unauthorized aid on this assignment.

Raymond Tang, Andrew McMillion, Archit Rupakhetee, Tyler Lenig

Contents

List of Questions

1) Why did you feel that the running, stopped, turning, or other similar modes were not necessary?
2) What requirements do you have to determine the maximum speed variable?
3) What requirements do you have to determine the max arc radius variable?
4) Why did you choose to make button press and release symbolic constants rather than events or text macros? To illustrate, condition

   @T(/button_left/ = $pressed$)

   is equivalent to

   @T(/button_left/ = $released$)

   since

   $pressed$ = $released$ = TRUE

   regardless of mode. Whereas a symbolic constant will always evaluate to the preset value, a macro could evaluate to TRUE or FALSE conditionally.

Positive Critique

While we reviewed our partner group's specification, we discovered that our partner group had written a very good specification with a variety of high points in all areas. We included the main high points of our partner group's specification below:

The colors balance out nicely making it not only easy to look at but also inviting

The lines are all numbered, providing easy references and a fluid reading experience.

There is a navigation system in the document file allowing for an easy way to find information.

Input and output are very thorough and follows proper format

There is a large list of well-defined events that cover most possibilities that the system can be in.