AME 3623: Project 1 Group Grading Rubric

February 6, 2020

Group number:

Team member names:

Team member claiming software component:

Implementation: 35 points

Circuit 8 points
  (8) The circuit includes all required components (properly connected), including: orientation LEDs, LED velocity bar, and switch.
  (5) One component is missing or is not connected properly.
  (3) Two components are missing or are not connected properly.
  (0) Three or more components are missing or are not connected properly.

display_orientation(): 9 points
  (9) Fully meets the given specification.
  (5) Fails to meet one aspect of the specification.
  (0) Does not meet the given specification.

display_orientation_velocity(): 9 points
  (9) Fully meets the given specification.
  (5) Fails to meet one aspect of the specification.
  (0) Does not meet the given specification.

loop(): 9 points
  (9) Fully meets the given specification.
  (5) Fails to meet one aspect of the specification.
  (0) Does not meet the given specification.
Demonstration: 30 points

Switch: 10 points
(10) Switch determines display of orientation or orientation velocity.
(0) Switch does not function properly.

Orientation display: 10 points
(10) Orientation display works properly.
(5) Orientation display has one problem.
(0) Orientation display does not function properly.

Orientation velocity display: 10 points
(10) Orientation velocity display works properly.
(5) Orientation velocity display has one problem.
(0) Orientation velocity display does not function properly.

Documentation: 35 points

Project documentation: 5 points
(5) All required project-level information is given at the top of the C file(s), including: project number, date, group number, group members, and the group member responsible for the code.
(3) One required piece of information is missing.
(0) Two or more required pieces of information are missing.

Function header documentation: 15 points
(15) All functions are documented with a high-level description, a description of each of the parameters, and a description of the return value and other effects (where appropriate).
(10) One function is not documented properly.
(5) Two functions are not documented properly.
(0) Three or more functions are not documented properly.

In-line documentation: 15 points
(15) All functions include appropriate in-line documentation. (“appropriate” means that you capture the logic of a line of code or group of lines)
(10) One function is missing in-line documentation.
(5) Multiple functions are missing in-line documentation.
(0) No in-line documentation is given.