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.