

## Software Specification

Assume your reader is your Software Development professor. They understand software development but nothing specific about your project. Put a document into the *documents* folder of your shared team repository that contains the following in a 1-page document:

1. Project Name (title) and team members
2. One-paragraph description of what the project does.
3. For the Pico, a bulleted list that states:
  - a. What will it sense?
  - b. What will it actuate (do)?
  - c. What, if anything, does it compute from sensor data?
  - d. What does it send?
  - e. Anything else you feel the reader must know in order to understand the SPECIFICATION of the device (NOT how it IMPLEMENTS its specification). In particular, you do NOT yet need to know your sensors and actuators (just what they sense and actuate).
4. For the PC, a bulleted list that states:
  - a. What GUI elements does it have? (A rough-drawn picture would be great!)
  - b. If it is not obvious, what does each GUI element do?
  - c. What information does it send to the Pico? When / how often?
  - d. What information does it receive from the Pico? When / how often?
  - e. Anything else you feel the reader must know in order to understand the SPECIFICATION of the GUI.
5. Anything else that you feel the reader must know to understand what your project does.