

Milestone 7 – Final Design Document**Due: Wednesday, 12/4/19 at 11:59pm**

In this document, your group is to finalize on the report submitted with Milestone 3 and Milestone 4. This should reflect the work done on the project. The expectation of this Final Design Document is that it will include ALL details and information to be able to recreate your project.

Overview:

- Should reflect the entire completed project with enough detail so that your product could be recreated.
- Submitted to Gradescope as a PDF before 11:59pm on Wednesday, 12/4/19
- This is a group project. Only a single document per group.

Submission to Gradescope **MUST INCLUDE THE FOLLOWING:**

- Names, NetId's and Email address of ALL team members
- Name of your project
- Abstract of your project (HARD LIMIT of 100 words or LESS!!!)
- Detailed Project Ideas
 - 7 Required Sections
 1. Overall Description of Project Idea
 2. Final Project Design stating how Multiple Arduinos will be used
 3. Final Plan for Use and Communication between the multiple Arduinos
 4. Final Project Design stating Expected Inputs/Outputs
 5. Final Description of the original work being attempted by your project.
 6. Discussion on how to build your project (think Lab Reports)
 7. Discussion on how to your project is to be used (think User Guide)
 - No limit on size of each section
 - Each section **MUST** be at least a paragraph long (multiple paragraphs preferred)
- **REQUIRED** Supporting Materials
 - Timeline of Development given in a week-by-week format of completed items
 - Final List of Materials Needed
 - Final List of References
 - Inclusion of final diagrams to identify your project's hardware is **REQUIRED** (diagrams should use Fritzing diagrams)
 - Inclusion of final code sketches to identify your project's software is **REQUIRED** (include all of the .ino code in the PDF document)

When submitting to Gradescope, this will be submitted as a Group Project. You will need to specify/select ALL MEMBERS of your group at time of submission. It will be the responsibility of the group to ensure that this is properly done.