

## **CECS 347 Project Report Template**

The project reports must include each section as listed below.

- **Cover Page** (Required for acceptance): Must contain Student's Name, Project Title, Course Number (e.g. CECS 347), Date and a summary of the Project. See an example on the next page.
- **Introduction** - Description or overview of the project. Typically, this would be an enhanced statement of the original project description.
- **Operation** - Describes the details of how to use your program. This would include a description of each of the commands and any necessary steps required to demonstrate your program. A video or a link to a video that demonstrates all features implemented in your project. You can upload the short video to your dropbox submission link or provide the link to your video here.
- **Theory** - A detailed description of any major technology, ideas, concepts or theories used in your project. Your theory should be consistent with both your schematic and software listing and should refer to both. Explain how your system utilizes any technology, concepts and theories covered in this course.
- **Hardware design**: include a schematic or block diagram for your hardware design and a picture of your embedded system.
- **Software design**: explain the software modules and their relationships and include a documented copy of your program listing. You must include comments in your program. You must be able to discuss any and every section of your program should you be asked when demonstrating your project.
- **Conclusion** - A summary of the successes and failures you experienced when working on this project.



CECS 347 Fall 2017 Project #

Project Title

By

Student Name 1 & Student Name 2

Date

Brief description of the project.