

Final Project Submission Requirements

In the final project, you will design and implement an embedded computing mechatronics system using the PIC32 microcontroller. The project is a good illustration of the understanding of the material of the class and how it applies. In the project, you should use the PIC32 microcontroller, actuators, sensors, and input/output devices. The final project consists of two phases, the proposal phase, and the final submission phase.

This is the last phase of the project, the project demonstration phase. Each group has to prepare the following:

- PowerPoint presentation and live demo or recorded video. (15 minutes) (Wednesday, Dec 2nd).
- A written report contains the following sections (Saturday, Dec 5th):
Project description, design and material, an overview of the sensors/ actuators used, budget, results, challenges, conclusion and future work.

Notes:

- By Saturday (Dec 5th), The contact person of the group should submit the following parts on Moodle:
 - Project report.
 - PowerPoint presentation.
 - Project Source Code.
 - Demo video of the project.