Final Project Information

55:036
Embedded Systems and System Software

Final Project

- Conducted during the last three weeks of class
- Assignment: Design and implement an embedded application of your choosing
- Constraint: Your system must include at least one of the following:
  - Use of a PIC feature not used in previous labs—e.g. CCP unit
  - Use of a protocol not used in labs—e.g. I^{2}C
  - Use of a peripheral chip not used in lab
- Scope/complexity of your application must be at least comparable to that of lab 5 and lab 6.
- Stretch yourselves--more points will be awarded to more ambitious projects

Final Project

- Important Dates:
  - Project proposals due on Tues, April 10
  - Provide enough detail to allow me to assess the scope and feasibility of your proposed design
  - Project proposal must be approved, before you can proceed with your project
    - Proposals will be approved/declined by Thursday, April 12
  - Proposals may be submitted any time prior to the deadline to expedite approval and ordering of parts.

Final Project

- Important Dates (Continued):
  - Project Report due date is Friday, May 4 by 5:00 p.m.
    - Report format essentially same as for lab reports
    - Make sure that you provide sufficient detail regarding project specification and design.
  - Last project demonstration/ sign-off date is Thursday, May 3
  - In-class presentations: T, May 1, Th, May 3
  - **Note: There is no Pre-Lab requirement for the Final Project**