

# Project Proposal

## Overview

You will develop a proposal for your project. You need to identify what the project will do; you also need to have some assurance that you will be able to finish the project.

You will turn in a written report that includes a requirements form in the style of the textbook. You will also look ahead to the architecture by designing basic software and hardware block diagrams; each block diagram should indicate what components will be built by you during your project.

Each team will make a 10-minute presentation in class that should cover the material in the written report and briefly discuss what you see as the major design tasks for the project.

If you will need to purchase equipment for your project, include a description and price of the proposed equipment.

## You Should Turn In

A written report:

- *Computers as Components*-style requirements document for the project.
- Software block diagram identifying what components you will design.
- Hardware block diagram identifying what components you will design.

A presentation in class:

- Requirements.
- System block diagram.
- Description of the design tasks.