Proposal for Final Project

Due: Monday, April 4, 2005 at the beginning of class

Format of the proposal:

The proposal should be short (two to four pages, using 12-point Times New Roman font, 1.5 line spacing, and one-inch margins on all sides), readable and relevant. It should consist of the following sections (or some of them):

1. Overview – Purpose, goals, benefits.

2. Objectives – Scope, general specifications, constraints, time (things that can be measured, so we know if they are met). The final specifications for your particular design for the final project report must be more detailed and concrete than the ones supplied in this proposal.

3. Resources – Indicate the names of project members and available time for this project. Also list the resources needed such as software and hardware components.

4. Background Information and Motivation – Explain the work done by others in the specific topic and cite all the relevant references. Explain the motivation for doing this particular project.

5. Strategy – Overall approach to accomplishing the project, like research, design process, design reviews, testing. Not just the design itself.

6. Details of the proposal – A breakdown of your design into conceptual blocks that logically fit together so that you achieve your stated goal. Give details of each conceptual block.

7. Action Plan – Tasks, schedule, responsibilities. This is the "when" and "how" for the project. The vast majority of this depends on estimation, so try to be reasonable.

8. Assumptions/Risks – Explain the assumptions made about the availability of components, scheduling etc. and describe the risks such as “delay in arrival of components” and its impact on the project.