

# CS 244E Assignment 2: Project Proposal

Due: April 22, 2010

## Goals

A small research project is a key component of CS244E. The project gives you an opportunity to research a new idea or an improvement on an existing approach. The goal of the project is to give you experience developing an idea, evaluating its benefits and drawbacks, placing it in the context of prior work, and presenting all of this information in a clear and well-written way.

## Project Groups

Your project may have a group of 1, 2, or 3 students. 2 is strongly recommended. Working in a group gives you practice in collaborating: dividing work as well as discussing and critiquing ideas.

## Project Choice

You have three options for what problem to examine in this assignment. Two are stock project ideas. Alternatively, as your third option you can choose your own project. The two stock ideas are below:

## Assignment

Your project proposal should be no more than 2 pages of text. It should clearly state:

- Who is in the project group (2-3 people);
- The research question you are seeking to answer;
- Why you believe this research question is important;
- What solutions you propose to the problem;
- How you will evaluate them;
- The position of the research with respect to prior work.

Be sure to spend some time on this last point: describe what you are going to measure and how.

## Handing In and Grading

The handin for this assignment is a PDF of your project proposal. Each group only needs to hand in one copy. Send it to Mayank and Phil. This assignment is pass/fail; its purpose is to give us a chance to provide some guidance on your research plan to help your project be successful (so you can do well) rather than be a part of your grade.