**Project Proposal: <Idea name>**

Project involves (check all that apply):

Interacting with an external organization (business, community org., etc)

Explain if checked: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Human subjects (testers, interviews, experiments, etc)

Explain if checked: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Making (Creating new applications or systems)

Breaking (Reverse engineering or pen. testing an existing application or system)

Working with open source hardware/software

Abstract

Write 1 paragraph that succinctly summarizes your idea from a high level. Low level technical details are not needed here. Focus on the positive outcomes from the project (i.e. why is it important and what might be gained by conducting it).

Methodology: What do you propose to do?

Discuss the tasks involved in your project (as you see them now). How long might those tasks take? What analysis techniques, algorithms, and/or languages might be involved in your project?

Team/Collaboration planning

What different roles are involved in successfully completing your project? How will you split tasks among team members?

Sketch out your idea:

This can include an architecture and mockup of the application/system you want to create/test, a task flow chart or data diagram, or any other relevant graphical method for representing your idea in a way that can be easily communicated.

Use/Misuse diagram:

Identify the principle use and misuse cases involved in your project. Be prepared to discuss them in class.