

# White Paper PROJECT TITLE

15-816 Modal Logic  
AUTHORS

March 30, 2010

## Abstract

A short abstract, summarizing the proposed project, 200 words or fewer. The white paper, excluding references, should be 2–5 pages and conform to this format. The deadline for the white paper is **Thursday, April 1, 2010**. White papers will be graded.

## 1 Introduction

The introduction should provide motivation, clear problem statement, and brief sketch of the most relevant prior work with citations. The introduction should be accessible to anyone in the class, and should not expect too much background knowledge. This is especially true if the white paper applies modal logic in your own area of research.

## 2 Project Description

Describe the proposed work, to the extent that you can at the white paper stage. This may include additional background, examples of the problem and proposed solutions. Be explicit about how you plan to approach the problem and what is novel about it compared to prior work. If you have conjectures or plan to prove certain theorems, state them as clearly as possible. If you plan an implementation, sketch its functionality. If you propose a language design or logic design sketch the properties you expect to hold (even if you do not plan to prove them) and the kind of programs you would like to express.

### 3 References

Give the references in the usual BibTeX format.