Sample Candidacy Document

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Abstract

This document is an optional candidacy template for use in the Department of Computing Science at the University of Alberta. Some useful commands are provided and documented.

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1   Introduction

This LaTeX template is intended to help you get started writing your candidacy. It is not a LaTeX tutorial, though it will document some useful commands, *e.g.* the \eg command. There are also commands for *i.e.* and *et al.* for your convenience.

2   Methodology

Suggestion: Before you sit down and actually write this document, meet with your supervisor or even better your supervisory committee and establish what they expect from your candidacy defense. Do they want a proposal? A comprehensive literature review? Early results? You can then write an outline (this one is just one of many possible outlines) and see what your supervisor thinks.

2.1   A sample subsection

You should also make yourself familiar with the candidacy process. At present, you'll find this on the Grad World page, `http://moodle.cs.ualberta.ca/mod/resource/view.php?id=7701`.

2.1.1   A sample subsubsection

You can, if you wish, cite previous papers you have written [1], or include entire portions of them.

3   Background and Related Work

We extend the LaTeX theorem environment[citation needed] to allow you to add numbered and formatted Hypothesis, Task, and Contribution sections.

Hypothesis 1 *Lettuce causes brain damage.*

Task 1 *Prove the truth of Hypothesis 1.*

Contribution 1 *A methodology and tool for causing brain damage in mice.*

Hypothesis 2 *Mice don't like scientists.*

4 Evaluation

You should probably have some sort of plan to evaluate / validate / prove / ... your work. Experiment design, possible avenues for proofs, really anything to demonstrate your work is correct/valid/useful.

⟨⟨**Comment: Though of course, this section is not required.**⟩⟩

In some cases, it may be more convenient to propose an evaluation method as you describe each task in your methodology.

⟨⟨**Question: In what circumstances would we accept work that would NOT be evaluated in some way?**⟩⟩

5 Contributions and Timeline

Your candidacy is really a proposal, and a lot of candidacy committees will want to see your plan and decide if it is feasible. This is a nice place for the \begin{task} environment.

References

[1] Michael Smit, Andrew Nisbet, Eleni Stroulia, Gabriel Iszlai, and Andrew Edgar. Toward a simulation-generated knowledge base of service performance. *MWSOC '09: Proceedings of the 4th International Workshop on Middleware for Service Oriented Computing*, Nov 2009.