

Sample Project Proposal Template

Abstract

The abstract summarizes the overall project in 3-5 sentences

The abstract will answer:

- What are the systems being compared?
- Why is this comparison interesting / important?
- How will the systems be compared?

I. Introduction

Introduces the project (option #1, 2, 3, or 4), what systems are involved...

Provides background about the systems

Answers the question, what do the systems do?

II. Comparison Study

Introduces your comparison study

Describes what you plan to compare

Aspects about the systems to be compared could include:

Performance ?

Scalability ?

Cost ?

Describe why this comparison is needed and, or interesting

III. Questions

This section provides questions your comparison study will address

Good questions require “testing” to answer. Good research questions typically do not have yes/no answers, but involve trying out how system alternatives perform across a tradeoff space...

Poor questions can be answered by reading documentation. (no testing), or the answers may already be known. You may need to answer simple questions to conduct your project, but these are **not** research questions. They should not be listed here.

For example: “How do I transfer a large file from S3 to AWS Lambda?”

– *this is **not** a research question.*

IV. Measures

This section describes some of the expected measurements we will produce.

What are the metrics?

A metric measures one or more characteristics of a system.

Data is generated by applying the metric to which help characterize behavior of the system.

V. References

Minimum 2 for each system (URL, or research papers)

Proposal template:

http://faculty.washington.edu/wlloyd/courses/tcss562/assignments/Acm_paper_template.docx