

## Term Project Paper

Version 0.1

Due Date: Thursday June 8<sup>th</sup>, 2018 @ 11:59 pm

### Objective

To summarize the results of your TCSS562 term project, each team should submit a four to six page term paper summarizing the results of your project. Papers should be no less than four pages, and generally not longer than six pages. Papers should **not** be longer than eight pages.

The term paper should be completed using the provided IEEE template.

The template can be found here:

[http://faculty.washington.edu/wlloyd/courses/tcss562/project/term\\_paper\\_template.docx](http://faculty.washington.edu/wlloyd/courses/tcss562/project/term_paper_template.docx)

The original IEEE template with additional formatting information can be found here:

[http://faculty.washington.edu/wlloyd/courses/tcss562/project/2014\\_ieee\\_template.doc](http://faculty.washington.edu/wlloyd/courses/tcss562/project/2014_ieee_template.doc)

If for some reason the template can not be used, submitting a paper using the same outline/sections as those described in the template is allowed.

The template provides a discussion of what to include for each section. Please read and study the template for suggestions on how to assemble your research paper. The major sections are:

- I. Introduction
  - A. Research Questions
    - i. Research Question #1 (RQ-1)
    - ii. Research Question #2 (RQ-2)
  - B. Research Contributions
- II. Related Work
  - A. Category 1 – related work
  - B. Category 2 – related work
- III. Comparison Study
  - A. Test infrastructure: describes what cloud infrastructure was tested
  - B. Services/code: describes code developed and/or deployed for the project
  - C. Experimental datasets: describes test datasets (if any)
  - D. Experiment design: describes the experiments performed: include a detailed description of the configuration of each experiment. What infrastructure was used, what were the parameters of the test. Please include enough detail so that someone could repeat your experiment based on your description.
- IV. Experimental Results
  - A. Results of experiments for RQ-1
  - B. Results of experiments for RQ-2

- C. Analysis and Discussion of Results
- V. Conclusions
  - A. Summary
  - B. Future Work – if applicable
- VI. References

In TCSS 562, we focused primarily on running benchmarks and not writing the paper. For this reason papers are not expected to be highly “polished” at this stage. If, for example, your data and experiments are complete and presented well with supporting tables and graphs, but the narrative in the paper still needs work, but the work shows promise, the group will likely receive a good grade.

Groups submitted very high quality papers will be contacted after the class to work towards submitting the paper to an upcoming academic conference or workshop. The instructor will work to ensure students whose papers are accepted for publication receive travel support to attend the conference/workshop if the submission is accepted. The instructor will work with students to craft a high quality presentation for the conference/workshop.

**Questions**

Please contact the instructor for questions and advice on how to approach writing the term paper. The approach to writing the term paper is a common approach which allows students to practice writing research papers. These skills are applicable to writing any research paper.

**Submission Deadline**

Project term papers should be submitted in PDF format on Canvas no later than 11:59pm on Thursday June 8<sup>th</sup>.

**Change History**

Version	Date	Change
0.1	05/15/2018	Original Version