CS 700 – Term Project Report

Due: 5 PM on Monday, December 8th.
Late submissions will be subject to 20% late penalty per day.

Submit a single pdf (formatted according to the rules given below) on Canvas.
Do not email your report to the instructor or the GTA.
Name your report as <Your First Name>-<Last Name>-CS700-Project-Report.pdf
(For example, Joe Smith would name his submission file as Joe-Smith-CS700-Project-Report.pdf).

Report Guidelines:

Your report should be between 6 to 8 pages, formatted according to two-column IEEE or ACM Conference Templates. This is a major requirement.

See https://www.ieee.org/conferences/publishing/templates.html (IEEE) and

https://www.acm.org/publications/proceedings-template (ACM) for templates in MS Word or LaTex (use the "interim template" for MS Word and LaTex Version 2.16 for LaTex available at the link above)

Do not change the font size, font type, spacing, or column organization of the template (you will have to comply with the formatting rules when you submit papers to conferences!). The report, including title, abstract, tables, figures and the main text **should not exceed 8 pages**. If you wish you can put only the references on page 9. Your report should not be less than 6 pages.

The report report should have the following sections (after Title, Author Name, Author e-mail address, and Abstract):

1. Introduction

    Briefly introduce and motivate the problem you are analyzing

2. Related Work

    No more than ½ page; this section is needed if your experiments involve techniques that are closely related to papers already published in the literature. If that is not the case, for example if you are analyzing a stand-alone computer system or application, you can omit this part

3. Problem Description
   Description of the problem/techniques you are analyzing, with references (if applicable)

4. Methodology Used

   Carefully describe the experimental methodology you followed, with full details of experimental settings, such as the features of the computer/application/platform you used for simulation, full parameter ranges for all experiments, any statistics tools you may have used, etc. The bottom line: this section should provide sufficient information for anyone who wants to replicate your experiments and reproduce the results.

5. Experimental Results and Analysis

   Here give your full experimental results, supported by plots and figures when applicable. It is extremely critical to include a detailed analysis of the statistical results you obtained, to give insights about the trends/patters you observed. Without such comments, the statistical data in your report will be of little help!

   This a very important section for the term project report in CS 700, whose focus is precisely the experimental techniques in Computer Science.

6. Conclusions

   Brief conclusions from your term project research effort.

   Acknowledgements: In case you receive the data or any other type of help (other than running/analyzing the experiments), from someone else or an online source, you should acknowledge it at the end of your report.

   Bibliography (List of references, if applicable)

Important: Make sure to proofread your report carefully before submission for typos and grammatical errors. Presentation/writing quality will be a factor in grading.