ECE3700J Introduction to Computer Organization
Literature Review Report

DESCRIPTION

Literature review is the stage of a research work that is mainly based on existing literatures. It is an essential way for people to study the previous work, current status, and unresolved problems in certain area or certain technique.

In this course, performance of a computer is an important topic that concerns us in every design aspect of the computer. Many design concepts and techniques we have discussed are to improve performance of a computer locally or globally. In this assignment, you are asked to do a literature review on a topic related to performance improvement in any part of the computer, software, hardware, I/O devices, etc., chosen by yourself. You should be able to find appropriate literatures around the chosen topic. Your literature review report must reflect and demonstrate your own understanding of the technical principles, known limitations in terms of performance, improvements made and/or potential improvement in the future.

The objective of this assignment is to have a broader view of various computer technologies, to better understand the current status and future trend of computers, and to advance students' awareness in choosing an interesting senior design project, choosing the right graduate research direction, or choosing a more suitable career.

DELIVERABLES

- Report – The report should be a well written technical review report in English including all the detailed aspects of your findings. All the literatures you have reviewed should be properly cited in the report. The report should NOT be longer than 3 pages in font of Times New Roman and size of 12, including the reference part.
- This is an individual assignment. The report should be submitted electronically on Canvas.

GRADING

The project will be graded on comprehension of the chosen topic, depth and completeness of your findings, clarity of your description, organization of the report, breadth and appropriateness of the citation.

DUE DATE

The project report is due by **11:59pm, December 10, 2022**