CS5222– Computer Networks & Internets, 2024/25 Semester
A Research Report

Goal: Research a *new* **computer networking technology** (related to the textbook) or a new emerging enabling technology (e.g., 6G, Quantum communication, mobile edge computing, etc) that you have encountered in your everyday lives recently and write a report.

Evaluation

The report will be graded according to:

- The novelty of your idea (30%)
- The clarity and technical depth of your discussion (40%)
- The quality of presentation (including English writing) (30%)

Format: **Maximum 4 pages**, 12pt fonts, single column. (Note that the list of references at the end is not counted towards the 4-page limit.)

Guidelines:

- Tell us how you encounter the technology (e.g., read it in recent news, journal papers , or the one you used it in your office)

- Discuss the technology. E.g., how does it work? whether is it related to the chapters of the textbook? What are the motivations for developing this technology? What will be the possible future development? What is your opinion about this technology? What is the main challenge of the technology? What is the main innovation of the technology? ...

- Explain with your own words and illustrations. Simply copying and pasting content from websites, books, and academic papers is not a good idea. Try to organize the report with a good structure, with proper number of figures and sections.

- Explain clearly so that we can learn something from your report. It may not be nice to just mention a very complicated technology that we cannot understand.

- Please note our department-wide ChatGPT policy announced on Aug 31, 2023: "**For writing assignments and reports, students are allowed to use GenAI, but its use must be acknowledged through proper citation and referencing.** In

this case, GenAI is considered as a secondary source (an interpretation and analysis of primary sources) or even a tertiary source (an encyclopaedia). Copying text or ideas produced by GenAI *without acknowledgment* is considered [plagiarism](). However, please be careful as GenAI can hallucinate (confabulate) false information without knowing it. Thus, students should try to find other sources to corroborate any information provided by GenAI."