

CSCI 5332 Final Term Project

Due: 12/7/2023

Design and implement an advanced network programming project. Use Java as the programming language if possible.

Choose your own topic that should be nontrivial, novel and interesting. Some examples are listed below (You are not limited to these topics).

1. A new application layer protocol for online chatting.
2. A secure online password vault.
3. A TCP-like, reliable protocol built on top of UDP.
4. An online election system with security, anonymity and fraud prevention.
5. A networked game.

Write a report documenting the project. Prepare a short presentation to be given at the final exam time to demonstrate your project. Submit the source code, the written report, and other related materials to *folio*.

You may form teams of 1-4 members to collaborate on the project. The contributions of individual team members can optionally be indicated in the written report.

Evaluation of the project will be based on the novelty and merit of the ideas, technical soundness, and quality of the design, implementation, documentation and presentation.