Introduction of Computer Network Laboratory

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Goal

- The course aims to help students more familiar with network theories via various network exercises and applications based on the theoretical framework of the computer network.

- All exercises are designed for the concepts of the OSI framework and Software-Defined Networking. The key points include TCP/UDP/MQTT protocols and their data transmission by socket programming.

Evaluation

- Attendance ……….. 25%
  - ✓ 3 chances
- Homework …………. 25%
  - ✓ 5 exercises
- Midterm Exam …… 25%
  - ✓ Paper Exam
- Final Project ………. 25%
  - ✓ Your Design

Topics

1. Introduction of OSI framework
2. Introduction of Software-Defined Networking
3. Restful API
4. Socket Programing (TCP/UDP/MQTT...etc.)
5. Video Streaming
6. Your Final Computer Network Project

Resource is available by

THANKS