Computer Networks
Assignment 4

Weightage: 7 absolutes

Choose one topic from the list below for your assignment. You have to work in a group of 3 for this task. An excel sheet will be shared with you all on the google classroom where you will have to specify your chosen topic along with your group members. However, one topic can be taken by maximum 2 groups. First come first serve term will be used for taking the topic. Hence, it is recommended to select 3-4 topics, prioritize them, and chose the one which is not taken by 2 groups.

The linked article should be considered as starting point of your study for the relevant topic. You should not limit yourself to this article only. You have to do the extensive study of the topic yourself and provide at least 3 references to your sources in your presentation.

Topic	Article
Introduction to SDN	A Survey on Software-Defined Networking
SDN and its applications	A survey on the architecture, application, and security of software defined networking: Challenges and open issues
SDN and Security	The application of Software Defined Networking on securing computer networks: A survey
SDN and Edge Computing	Complementing IoT Services Through Software Defined Networking and Edge Computing: A Comprehensive Survey
SDN and VANETs	Software defined vehicular networks: A comprehensive review
SDN and SBs	A survey on software defined networking enabled smart buildings: Architecture, challenges and use cases
SDN and IOT	Software-Defined Networking for Internet of Things: A Survey
Applications of Wireless Sensor Networks	Applications of wireless sensor networks — A survey

Phase 1: You are required to familiarize yourself with these topics and chose a topic that you will work on. Once you will choose the topic, your instructor will have a one to one meeting with your group to guide you for phase 2 and phase 3. You will also be asked the reasons for choosing a particular topic. This discussion will be a weighted activity where your active participation will be given highest priority.
Deadline: Saturday, December 5,   2020

Phase 2: You will be required to prepare a presentation based on your study of the chosen topic. Guidelines for preparing presentation will be defined in phase 1.
Deadline: Wednesday, December 15, 2020

Phase 3: You will be required to present your topic in the class (online).
Deadline: Will be announced later