

# Survey Presentation

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# Recap

# Overview

- Sample Topics:
  - ▶ Internet of Things (Zigbee, Bluetooth, LoRa)
  - ▶ WiFi (IEEE 802.11 family)
  - ▶ mmWave (IEEE 802.15.3c, 60GHz)
  - ▶ Cognitive radio (IEEE 802.19, IEEE 802.22)
  - ▶ Body Area Network (IEEE 802.15.6)
  - ▶ LTE, LTE-A, 5G
- 40+5 minutes per group (5 minute Q&A)
- Each group should survey different topics.
- Each group should talk to me about the interested topics and get the approval to work on the survey

# Presentation

- What to cover:
  - ▶ Scenario, Basic Principles
  - ▶ Commercial Applications
  - ▶ Competitors
  - ▶ Current Status and Future Developments
- Grading of the presentation includes
  - ▶ My grades
  - ▶ Average grades by all other students
- Mandatory for you to participate all presentations
  - ▶ Absence will be penalized in grades
- Grade sheet will be posted so that you know what metrics are important to prepare your presentation

# Topic of Each Group

組員	志願一	志願二	志願三
謝秉昂 陳心如	Body Area Network	Internet of Things	Cognitive radio
楊程皓 張顥霆	Cognitive radio	Body Area Network	WiFi
梅希聖 施敬彥	Internet of Things	WiFi	5G
巫晨熙 郭彥滕	5G Mission Critical MTC	4G (LTE, LTE-A)	D2D
鄧傑方 黃安	5G Massive MTC	Internet of Things	4G (LTE, LTE-A)
鄭煦 王傑生	5G eMBB	4G (LTE, LTE-A)	WiFi
蕭晨豪 何星燁	WiFi	4G (LTE, LTE-A)	Internet of Things
朱文瑄 王君璇	WiFi	4G (LTE, LTE-A)	Ethernet
高維 吳庭瑋	<del>5G</del> mmWave	4G (LTE, LTE-A)	5G

# Presentation Schedule

Date	場次一	場次二	場次三
05/17	Final Project Proposal Presentation (each group has 15 minutes)		
05/24	WiFi 朱文瑄、王君璇	4G (LTE, LTE-A) 蕭晨豪、何星燁	mmWave 高維、吳庭瑋
05/31	Body Area Network 謝秉昂、陳心如	Internet of Things 梅希聖、施敬彥	Cognitive Radio 楊程皓、張顥霆
06/07	5G: eMBB 鄭煦、王傑生	5G: Massive MTC 鄧傑方、黃安	5G: Mission Critical MTC 巫晨熙、郭彥滕