Final Operating System Topics
Course: OPERATING SYSTEM

1. Security in Window 11 & Antivirus Software: Authentication, Authorization, Cryptography, AntiVirus, Firewall… List some Antivirus Softwares and briefly introduce each one.

2. Operating system for Smart Watch (i.e. watchOS): Structure of OS, kernel, features of OS. Interface, support health metrics, File System,... Default applications on OS, and popular additional applications.

3. iOS: Structure of OS, kernel, features of iOS. Process Management, File Systems, Format ... Default applications on iOS, and popular additional applications. Briefly guide how to create a simple project & application on iOS?

4. Mac OS: Basic information about Mac OS, OS structure, file systems, format, process management, and all important features of Mac OS.

5. Android: Structure of OS, kernel, features of OS. Process Management, File Systems, Format ... Default applications on Android, and popular additional applications. Briefly guide how to create a simple project & application on Android?

6. File systems in Window OS, Linux OS & Mac OS: FAT, NTFS, Ext3, Ext4, HFS+, APFS...

7. Operating system for Smart TV (i.e. WebOS, Roku, Tizen): Basic information about TV OS, OS structure, file systems, process management, and all important features of TV OS. Default applications on OS, and popular additional applications. Briefly guide how to create a simple project & application on OS?

8. Unix: History, Overview (Goals, interface, shell, kernel structure)…

9. Network Operating System – NOS (HĐH Mạng)

10. Distributed Operating System (HĐH Phân tán)

11. Your chosen topics related to OS