Case study of operating system:

Consider any one operating system of your choice like Microsoft's Windows 2000, Windows 7, Windows XP, Windows 10 etc. or Linux distribution like Ubuntu Linux, Linux Mint, fedora, Centos, Red hat etc, or any version of Mac OS. Case study hints:

1. Introduction
2. Design goals/principles
3. Operating-system structure
4. Components of Operating system
5. Shells of the operating system
6. Programmer Interface
7. Process creation, termination and communication
8. Process state diagram and process management system-calls
9. Process versus thread
10. User level thread and kernel level thread: models
11. Process/thread scheduling parameters
12. Process/thread scheduling algorithm
13. Synchronization tools
14. System generation and booting process
15. Virtual memory management
16. Optional: File system

Please note: You can make a group of maximum 3 for the above mentioned case study and *submit to classroom link.*

File name: Section number-ID1-ID2-ID3.

Example: if you are from section x (1 or 2) and your ids are 123, 456 and 789, then your file name will be: Sec x-123-456-789.