Abstract

This technical paper contains the information about the most commonly used smart phones and the operating systems that are used by these smart phones. After this a brief introduction of the android and IOS operating system has been described. A basic comparison between these has been started by. The technical comparison has been made by describing the core architecture of applications and the system management, inter-process communication, system calls, virtualization, memory management and power management. The comparisons of these Operating Systems have been made by different aspects that clarify the main differences between both.

References

2. "Linux developer explains Android kernel code removal".


**Index Terms**

Computer Science Operating Systems

**Keywords**

Android, IOS, Architecture, Operating System, comparison