Research Paper

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Operating Systems

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What is an operating system? It is a “system program that serves as an interface between the computing system and the end – user” (Martin, 2021). The operating system “creates an environment where the user can run any program or communicate with software or applications in a comfortable and well – organized way (Martin, 2021). The operating system plays a major role when running a computer. Without having the operating system, the file, memory, and software/hardware resource will be all over the place. One of the main jobs of the operating system is to make sure all the components that make up a computer are organized and stored in the right place.

There are many kinds of operating systems. The popular ones are Windows, Linux, Mac, Android, and Google. Personally, I have all Apple products that use the Macintosh operating system. I got my first apple product when I was young, and it was an iPod shuffle. Then I got my first look at the Mac OS with the iPod touch. I remember as a kid learning about the apple product and how easy it is to use and teach other people. I recently set up a phone for someone and it was an Android OS. While setting up the phone I realized how confusing the Android is and how easy Mac is. A question that would be good to ask someone who has an Android do they think apple products are easy to navigate.

The first electronic computer was developed in 1940 and used the first generation of the Operating System. The second generation of the operating system was groundbreaking in so many ways. It was called the GMOS was created by General Motors that developed the operating system for the IBM computer (Martin, 2021). In 1952, General Motors programed the IBM Card Programmed Calculator. It costed $1800 per month. It was responsible for the design and data reduction calculations at the rate of 150 three – address instructions per minute (Ryckman, 1983). IBM produced an advanced stored program machine operating at least 100 times faster than the Card Programmed Calculator (Ryckman, 1983). The system was called 701 Electronic Data Processing Machine (Ryckman, 1983). The IBM computer used the Java language. The Java language rapidly gained the importance as the standard object – oriented programming (Saganuma, 2001). The IBM company has created technology advances in the technology world that has changed it dramatically. IBM created the first smartphone in 1994 which created a path for companies like apple to use to grow and build their product. Without IBM who knows what the technology world would look like.

# Bibliography

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