
Assessment of Computer and its Implication in the Society

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ABSTRACT

The study was to assess computer and its implication in the society. Despite the fact that computers have made things easier, they also have some disadvantages as well. For example, secretaries are finding that when they are applying for a job, it's essential to have experience of using a computer. In this competitive world, instead of people who have the talent to handwrite text manually, such people are being replaced by word processors. Many other people are losing their jobs and are being replaced by robots. The study discovered that most people are so used to computers that they are addicted to them, which is not very good. Although computers are more accurate and neat, if they go wrong, people can run into serious problems. For example, a company could store all their data on a computer. If this computer got a virus or, for any other reason, was not able to start up, then the company would face a very big problem as to what to do. This is one of the downfalls of computers in today's society. Despite this, society would be a dull and primitive place; there would have been no cure for diseases, good entertainment, transportation, or communication links without the help of a computer. One of the recommendations made was that people who use the computer frequently should always block out distracting websites for a set amount of time and focus on single tasks for 25 minutes at a piece in order to get rid of computer addiction.

KEYWORDS: Computer and Its Implication.

Introduction

A computer is an electronic device that accepts information through a specified set of instructions, processes the information using a specified set of rules, and produces results with unbelievable speed and accuracy. No device has ever been known to man which has such a remarkable ability to receive, store, and retrieve information of whatever type. The computer is a manufactured form of a partial human brain (Tamburrini 2009 and Wolpe 2007). Computers really have no environmental damage to our society. In fact, it has become more useful, important, and sufficient. Businesses are finding that almost everything can now be done more efficiently using a computer. stimulation of almost any sport or activity, including cat racing, aeroplane driving, car driving, and even playing games. People are finding that they are spending most of their time on computers at home, in the office, at work or even in their free time. This machine has become more powerful and more capable of doing great work. Computer technology has really shaped human society. In the beginning, these changes were drastic. It has also changed the social structure of primitive man, transforming how we conduct our daily lives.

Brief History of Computer

Computers weren't as technological and complex as the ones we know. Early computers didn't use clips or monitors. They weren't so small or big like the ones today. Back in the early 1600s to 1800s, people had theories, plans, or ideas of making a device that could do complex problems and mathematics so that they wouldn't keep writing down problems and solving them manually. They wanted a device that could add and subtract.

The first digital calculator that could add and subtract was made by Blaise Pascal, a famous mathematician. As years passed by, newer calculators or computers were invented one after the other. In 1671, Gottfried Wilhelm and Von Leibnitz invented a small computer, not the advanced technological ones that could add and multiply. Soon after, Charles Xavier Thomas built a newer calculator that could add, subtract, multiply, and divide. His invention was the first to become commercially successful. One of the first complex computers that was an important part of computer history was the ENIAC (Electronic Numerical Integrator and Computer Calculator). This computer was big. It took a large room to fit this big computer in. ENIAC could do thousands of calculations for which it was made. It was made by Prosper Eckert, John W. Maulchy, and their associates.

Charles Babbage, a mathematician, is generally referred to as the father of the computer. Babbage's invention, "The Analytical Engine," was quite close in concept to a modern computer. He bought into the idea of an entirely new device different from the previous mechanical calculators. His device was able to use logic. An arithmetic process will be carried out and based on the results of its computation.

Uses of Computer in our Society

Computers are used in our society for numerous purposes. The following remains the use of a computer:

Computer in Business: Different types of businesses commonly use computers to assist with such day-to-day operating activities such as: sales order entry, inventory management and control, personnel management, payroll, accounting, security, etc. (Zhu et al. 2012).

Computer in Government: The government is by far one of the biggest computer users in society today. Without the aid of computers, it would be almost impossible to collect, tabulate, and categorise the colossal amount of data the U.S. government must deal with daily.

Computer in Legal Profession: Computers are used by law enforcement agencies to collect and analyse evidence. Many agencies are now equipped with data processing facilities that enable them to connect with large, country-wide law enforcement computer systems from which they can obtain and with which they can share information on criminal activities. In addition, lawyers can save documents such as wills on a computer system for easy updating in the future.

Computer in Medicine: The use of computers in the healthcare industry has grown tremendously in the past ten years. They used the computer system to assist in patient diagnosis. Cat and pet scanners can take computerised pictures of the interior of the brain and other parts of the body (Millán et al. 2010).

Computer in Education: In recent years, education has been involved in the use of computers. Computer classes have been offered at the college level since the mid-1950s. Electronic universities are being established to offer all sorts of courses to people who use computers and communication technology to earn education degrees (Neuper & Pfurtscheller 2010). In our society today, distance education and searching for information using the internet have been made possible.

Computer in Industry: Many industries are being transformed by the use of computers. Engineers and designers are using computer-aided design to design items like aeroplanes and zippers. The publishing industry has also changed dramatically because of computerization. Editing, typesetting, page make-up, photo treatment, creation of illustrations and colour work can all be done electronically now and faster than before.

Computer in Entertainment and Sport: Sports and athletic performances are being analysed and improved by the use of computers. Sport medicine has also become much more effective through the use of computers to analyse and treat injuries. Computers are also used in movie making and music production. It's also used to play and develop computerised games (Nijholt et al., 2009).

Computer in Agriculture: Computers are also used professionally by people who choose to go into animal husbandry, such as raising poultry or cattle breeding conditions. Computers are being used in farming to monitor weather, water supply, climate, soil composition, etc.

Computer in Home: Computers are such versatile tools that people are bringing into their homes, increasing their numbers, a wide variety of software available for home use, including: (a) educational software for young children; (b) personal financial management software and entertainment software.

Positive Effects of Computer in the Society

Computers have really brought about changes in our society today. It has changed our society into a computerised world where everything is done using the computer to ensure speed and accuracy.

Below are some of the positive effects.

Communication: With the help of a computer, we can now communicate with anyone around the globe by simply text messaging them or sending them an e-mail for an almost instantaneous response.

Cost Effectiveness: The computer has helped to computerise the business process by streaming businesses to make them extremely cost-effective money making machines.

Bridging the Cultural Gap: Computers have helped to bridge the cultural gap by helping people from different cultures communicate with one another. It has also helped to maintain linguistic and cultural diversity. It also allows for the exchange of views and ideas.

Creating of Jobs: Computers have created job opportunities for people who were unemployed. Computer programming, system analysis, hardware and software development are just some of the new employment opportunities created.

Globalization: The computer has not only brought society closer together, but it has also enabled the economy of society to become a single, self-contained system.

More time: The computer has made it possible for businesses to be open 24 hours a day all over the globe. This means that businesses can be open anytime, anywhere, making purchases from different countries easier and more convenient.

Entertainment: Chat rooms are popular because users of computers can meet new and interesting people. There are other numerous things for entertainment that can be found on the computer, which have a great impact on society, such as music, hobbies, news, games, and more, which can be found and shared on the internet.

Information: This is probably the biggest advantage of computers in society. Any kind of information on any topic is available on the internet. Teachers have started giving assignments that require research on the internet. A student uses the internet for research purposes for the purpose of gathering resources.

Shopping: Along with getting information on the computer, you can also shop online. There are many online stores and sites that can be used to look for products as well as buy them using a credit card (Jung and Gibson, 2009).

Negative Effect of Computer in the Society

Despite the fact that computers have made things easier, they also have some disadvantages as well. For example, secretaries are finding that when they are applying for a job, it's essential to have experience of using a computer. In this competitive world, instead of people who have the talent to handwrite text manually, such people are being replaced by word processors. Many other people are losing their jobs and are being replaced by robots. Below are some of the negative effects of computers.

Unemployment: While computers have streamlined the business process, they have also created job redundancy, downsizing, and outsourcing.

Privacy/personal information: The computer has brought along privacy issues. From cell phone signal interceptions to e-mail hacking, people are now worried about their private information becoming public knowledge and also that other people's information such as names, addresses, etc. can be accessed by another person. If you use a credit card to shop online, then credit card information can be stolen, which could be akin to giving someone a blank check.

Pornography: This is perhaps the biggest threat related to our children's healthy mental lives. A very serious issue concerning the internet. There are thousands of pornography sites on the computer that can be easily found and can be a detrimental factor to letting children use the computer.

Spamming: This refers to sending unwanted e-mails in bulk, which serves no purpose and needlessly obstructs the entire system. Such illegal activities can be very frustrating for you, and so instead of just ignoring it, we should make an effort to try and stop this activity so that using the computer can become that much safer.

Lack of conflict resolution: For example, if an internet conversation starts getting heated or if someone gets angry, it is too easy to just sign off and not deal with the issues.

Therefore, resolving conflict is part of life that shouldn't be avoided and is usually not psychologically helpful.

Loneliness: People that use the computer are more likely to become lonely and depressed because of a potential reduced social support system as a result of the internet.

Negative effect of family communication: Time spent on computers reduces communication among family members and reduces the number of friends and acquaintances with whom they maintain contact.

Distance Education: For teachers to communicate with their students, they are frequently forced to utilise sophisticated and expensive technological devices that are not under their exclusive control and that often require special technical knowledge that teachers might not fully possess.

Computer addiction: Most people are so used to computers that they are addicted to them, which is not very good.

Lack of Job Security: According to industry experts, the computer has made job security a major issue because technology is constantly changing. This means that one has to be in constant learning mode if he or she wishes to secure his or her job.

Conclusion

Computers play an essential role in our society today. It has made things extremely easier. Most big businesses are based on computers. A computer assists man in his activities, making them faster, more accurate, and more efficient than if they had been done manually.

Computers help society a lot and have helped us take a large step into the future. Businesses and entertainment use it to make a profit, education uses computers to educate students better, the medical field uses computers in many different ways, and other areas. Industries such as the publishing industry use computers for editing, typesetting, and colour work.

Though computers have really helped to modernise society, there is one thing about it that I do find slightly worrying, which is their dependency. People nowadays rely on computers to do everything for them. I think that this is one disadvantage of computers because they should be used merely as a backup if something cannot be done by hand.

Although computers are more accurate and neat, if they go wrong, people can run into serious problems. For example, a company could store all their data on a computer. If this computer got a virus or, for any other reason, was not able to start up, then the company would face a very big problem as to what to do. This is one of the downfalls of computers in today's society. Despite this, society would be a dull and primitive place; there would have been no cure for diseases, good entertainment, transportation, or communication links without the help of a computer. Therefore, computers have really changed society a lot. It has helped out society in many areas a lot.

Recommendations

1. People who use the computer frequently should always block out distracting websites for a set amount of time and focus on single tasks for 25 minutes at a piece in order to get rid of computer addiction.
2. In order to get your personal information protected and guaranteed in your computer, you can protect your computer with a master lock or password.

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