Review Article

Society Dilemma of Computer Technology Management in Today's World

Iwasan D. Kejawa, Ed. D

Department of Computer Science, School of Engineering, Technology and Business, Miami Dade College, North Campus, Miami, Florida, US

> Received Date: 15 December 2021 Revised Date: 17 January 2022 Accepted Date: 28 January 2022

Abstract - Is it true that some of the inhabitants of the world's today are still hesitant in using computers? Research has shown that today many people are still against the use of computers. Computer technology management can be said to be obliterated by security problems. Research shows that some people in society feel reluctant or afraid to use computers because of errors and exposure of their privacy and their sophistication, which sometimes are caused by computer hackers and malfunction of the computers. The dilemma of not utilizing computer technology at all or, to its utmost, by certain people in the universe has absolutely posed a problem to the innovation of computers. This problem results in finding each time ways to simplify computers development and production and what they are meant to be used for. Every year new computers are being developed which makes the previous ones obsolete. They are developed to entice those who have not been utilizing them and to encourage those already using them by simplifying the features of the computers and improving their software and services. The doubt instilled in the mind of those not utilizing computer technology and those not using them to its utmost result in a flood of computers. Research shows that the computer technology market and its use are at their peak because developers and manufacturers think that the more improvements are made, the more there would be new users or customers. Therefore, they are developing and producing more computers. And this may create a flood.

Keywords - Computers, Technology, Engineering, Education, Aviation, Management, Business, Politics, University, Schools, College, Medicine, Estate, Sports, Science, Ecomimics, Administration, Research, Security, Hacking.

I. INTRODUCTION

The change which involves physical, psychological, environmental, economic, and social changes may impact the usage of computers by all sorts of people. Education of computers' uses rests on the hands of the beholder. Education in the usage of computers must clarify the importance of their usages. We tend to learn as we progress through life based on the needs and consequences derived from the pasts utilizing technology Misalignments are made, and we all learn from our mistakes which is a form of the education process (Odvard 1995). Results from computers depend on the perception of what your intentions are and the information fed into your memory. It is to my beliefs that education of the usages of computer technology work wonders through the development of computer artefacts to justify the positive applications of computers. The management of computer technology justifies its usage abundantly. Computer technology is an entity of subject that projects the wellbeing and performance of individuals in society.

The development of supercomputers and robots has greatly contributed to the improvement of the standard of living in society. With the right architecture or design, computer products would conveniently replace the enormous physical and mental burdens imposed on humans (Kejawa, 2019). Computers may be able to solve the complex problems encountered by humans in the world. The solving of our difficult problems is of great priority and importance to living in the society

A. Causes of Non-Utilization

Nowadays, the uses or applications of computers are becoming more rampant and ludicrous in terms of their simplicities and sophistication in all fields of Science, Engineering, Business and Arts. The coming age may mandate the knowledge of the use of computers because of the innovation of technology as the world changes. One must therefore be aware of the changes in technology in our world, so to speak. The negative perceptions of the usage of computers would eventually damage the invigorations and purpose of learning and innovation in our world (Mehlinger, 1996). Computer hacking is a factor in the non-utilization of computer technology. Computer hackers play a role in the negative utilization of computer technology. The viruses imposed on the computers result in diminishing the performance of computers which may lead to the discouragement of their usages and the attractions of new users. Solid and adequate software should be developed to counteract computer hacking and to prevent viruses from damaging data and exposing privacy if we are to encourage people to use computers or continue using computers.

Lack of education also contributes to the non-utilization of computer technology. Some of the inhabitants in the society are still technologically savvy (Peek & Denise, 1994). Education is an important aspect of computer technology. Society should be educated on their usage of technology since this will be beneficial to the economic, social, psychological, physiological, and political stability of individuals and society at large. The doubt of not using a computer can be eliminated by providing thorough education to the populace through all media.

Economic infrastructure plays a role in the non-usage of computer technology. If the economy is unstable, many people will not be able to buy technological products, which will result in a lack of use of computer technology. Unemployment, inflation, and tax burdens contribute greatly to the instability of the economy, which affect both individuals and businesses that want to use computer technology. It also imposed a burden on those already using it. The dilemma created of not using computers during economic instability and epidemic depends on both societal and political factors. The functionality of an individual is the sole proprietary of making a decision as to whether to use technology or not to use technology.

Environmental conditions also affect using computer technology. It is true that severe environmental conditions may cause the malfunction of computer equipment and its performance. If weathers are bad or not normal, this would jeopardize the functionality of the computer and thereby prevents its usage (Anol, 2001). Bad weather such as Toledo, hurricanes, rain, snow, heat, and wind are examples of these. People would tend not to use computers because of these conditions as the computers may not function, and if they function, people assume they might endanger their health because of their malfunction and electric voltages.

II. CONCLUSION

In recent years, technology has had rampant effects on education and our lives in general. Individual business and educational establishments and other institutions depend on the technology artefacts to carry on and embellish their functions and performance. The introduction of today's innovative technology has allowed people to perform various tasks with ease and less fatigue, but people are not made aware of these benefits and are reluctant to use computer technology. Because computers are capable of functions that are attributed to living things, and because computers can perform absolutely any functions of humans to the ultimate level, therefore computers serve as entities of supremacy in the actual sense (Lea & Sylvia, 2011). The functions of computers involve both physiological, psychological, economic, and sociological impacts. We try to learn and function as humans by applying computers and technologies to various activities of our life. With the use of computers and their performance, we can learn more adequately and devise new ways of doing things. Computer technology plays an important role in educating the mind. People should be made aware of the use of computer technology and its importance. The procrastination as to use computer technology to solve our problems by a certain degree is an incarnation of bewitchments. Everyone should know that if new things are not tried the first time, there is no way one can get to better oneself. Computer technology management can be propagated and embellished by thorough research of its security and performance. "It is not only what we do but what we know and how we apply what we know." Everyone should make use of computer technology because the merits of its use outweigh its non-use.

REFERENCES

- [1] Apache Hadoop Overview, [Online]. Available: https://hadoop.apache.org/.
- [2] Bhattacherjee, Anol, Understanding Information Systems Continuance: An Exploration-Confirmation Model. MIS Quarterly. 25(3) (2001) 350-370. https://doi.org/10.2307/3250921.
- [3] Dwi Wulandari Sari, Kurnia Gusti Ayu. The Implementation of Soft System Methodology (SSM) in Designing KJP-Shop Application. International Journal of Computer Trends and Technology, 69(3) 14-20.
- [4] Gaff, R. S. Computer Education Project revisited: Institutionalizing the vision. Educational Considerations, 2 (2002) 15-23.
- [5] Gains M., and Leonard, J. Educating the mind. Journal of Technology Education, 2 (2001) 45-50.
- [6] Hariteja Bodepudi. Data Transfer Between RDBMS and HDFS By Using the Spark Framework in Sqoop for Better Performance. International Journal of Computer Trends and Technology, 69(3) 10-13.
- [7] Howes, R. J. Computer methodology. Journal of Information Science Education, 11(2000) 17-19.
- [8] Isaac S., and Michael, W. B. Handbook in research and evaluation. San Diego, CA : Jossey-Bass(2009).
- [9] Jonathan, W. B. Computability and Unsolvability. San Diego, CA : Jossey-Bass(1998).
- [10] Kejawa, D. I. Achieving Success in Tumultuous Education. Pittsburgh, PA: Red Lead Press (Dorrance Publishing)(2013).
- [11] Kejawa, D. I. Raw and Pure Education. Frederick, MD: America Star Books, LLLP(2013).
- [12] Kejawa, D. I. Computer In Society: the World of Science and Technology. Independent Publishing: Amazon Inc(2019).
- [13] Knowles, M. Principle of Learners Education. San Francisco, CA: Jossey-Bass/Pfeifer(1980).
- [14] Kejawa, Iwasan, Computer in Society: The World of Science and Technology,(2019) Independent publishing: www.amazon.com.
- [15] Lea, Mary and Sylvia, Jones, Digital Literacies in Higher Education: Exploring Textual and Langdon, G., Whiteside, S., and McKenna, M. 2002. Intervention resource guide. San Francisco, CA: Jossey-Bass/Pfeiffer.(2011).

- [16] Mehlinger, Havard. Technology Takeover Attenuated. Education Digest 61(1996) 25-29
- [17] Moses, A. G. The technologies for ages. Journal of Education Technology, 9(2012)45-47
- [18] Nicodemus, R. Technology intelligence on the rampage. Computer World Magazine, 7 (2004) 23-24.
- [19] Odvard, Dyril, Technology in Education. Getting the Upper Hand. Technology & Learning 15 (1995) 38-46.
- [20] Peek, Kyle and Denise, Dorricot, Why Use Technology. Educational Leadership 51(7) (1994) 11-15.
- [21] Priyanka Sharma, Rajni Ranjan Singh Makwana. Phishing Website Detection Using Ensemble Technique. International Journal of Computer Trends and Technology, 69(3) 26-29
- [22] SqoopUserGuide v1.4.1, [Online]. Available: https://sqoop.apache.org/docs/1.4.1incubating/SqoopUserGuide.html#:~:text=With%20Sqoop%2C%20y ou%20can%20import,process%20is%20performed%20in%20parallel
- [23] Sqoop Import Command, [Online]. Available: https://docs.cloudera.com/runtime/7.2.1/migratingdataintohive/topics/hive_create_a_sqoop_import_command.html.

- [24] Sqoop Export Command, [Online]. Available:
 - https://community.cloudera.com/t5/Support-Questions/Usingdirectoption-in-Sqoop-import-export/m-p/66930.
- [25] P. S. V. Naresh Kumar, Modern Big Data Processing With Hadoop, Packt Publishing, (2018).
- [26] Rose, R. Toward a critical multicultural pedagogy for learners' Computer Education Qarterly, 48(2002)171-184.
- [27] Salem, A. M. Potential usage of technology in education. Journal of Computing In Higher Education, 5(9) (2000).
- [28] Sher, A. B. Development and evaluation of computer Technology education. Journal of Science And Technology, 9 (2007) 21-22.
- [29] Rafah Amer Jaafar , Wurood A. Jbara , Shaymaa Adnan Abdulrahman. A Review on Concept of Object Detection Techniques International Journal of Computer Trends and Technology, 67(8) 87-89.
- [30] Rakshit Khajuria , Himani khajuria.Leaf Disease Detection Using Artificial Neural NetworkInternational Journal of Computer Trends and Technology, 67(8) 43-50.
- [31] Winston, L. Artificial Intelligence, New York, NY: Harper-Collins Press(2009)