Using The Internet Effectively

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Abstract

Nowadays, research is being conducted on web 3.0, google translate, google recognition, and google scholar to improve people's learning experiences, based on the internet's highly impressive impacts. Websites are being designed to be user-friendly so that everyone can interact and learn. Similarly, doctors are now working to showcase their work, research, or findings on the internet so that people can benefit, and many doctors are now available online as a result of this practical application of the internet. Similarly, students now see the internet's future as the most powerful and effective. Within a few years, the majority of institutes will be moved online, and it will become the norm.

Introduction:

Since the emergence of the internet, it has become one of the most essential and valuable tools for communication, research, and leisure. There are a vast number of benefits that the internet offers in different ways. This tremendous growth of the internet has opened the doors to new opportunities for people worldwide. A study conducted in the United States to understand the statics of people connected to the internet showed that 59% population was connected via the internet (CyberAtlas, June 11, 2003), and now these statics have grown far behind the imagination. If the internet is used effectively, it is the most powerful tool in the modern world for education, medical diagnosis, learning purposes, and any other field. Therefore, this research paper is meant to highlight some of the most effective usages of the internet.

> **Educational Use of the Internet:**

In 2009 a scale prepared by Sahin (2009) was used to research "Effective Use of the Internet for Education Purpose." The scale was translated from Turkey to English for studying in the United States. The instrument was designed to understand students' backgrounds and how effectively they are using the internet. This scale had twenty-eight questions with multiple answers like 'I am capable,' 'I am sufficient,' and 'I am insufficient,' etc. Students were asked to choose the best according to their real-life experiences. The reliability value was obtained at 0.966, which showed it is highly accepted.

- **Analysis of result:**

There were five marks for 'I am completely sufficient' and one for 'I am completely insufficient,' and the result clearly showed that 80% of students were familiar with effectively positive use of the internet and were using the internet as a search engine for education

purposes. 67% of students were learning advanced grammar and vocabulary using the internet, and 65% were found to use the internet for study-related discussion on Facebook groups. They were also using the internet for translation purposes.

It clearly shows that students are aware of the effective use of the internet for educational purposes and utilize this powerful tool for their growth. A student's research and learning qualities are highly dependent on the quality and quantity of current internet resources. (Iloand Ifijeh, 2010; Mbofong, 2003). This research has attracted many research debates in developing countries such as Nigeria to use the internet effectively for studies and academic research work. After this, several studies have been conducted on using the internet for educational purposes, and all showed that the internet and research work have a great connection, and one cannot ignore the internet if one has to learn something new and advanced.

➤ **Medical Diagnosis and Internet:**

Another practical use of the internet is in the medical field, as many discoveries are possible if the internet is used effectively. The expansion of the internet has resulted in the availability of medical information for both patients and physicians. During 2019 and 2020, when COVID was at its peak, it was surprising that most people were diagnosing their disease via the internet, and many physicians were offering online services to facilitate the people better. Research work conducted on the diagnosis of disease through the internet is explained here, and it shows how effective the internet is if we use it positively.

• **Case A:**

An eleven-year-old boy was referred to a metabolic center after his parents had suggested a diagnosis of Fabry disease to their pediatrician. Since age five, he has been suffering from severe episodic pain in his hands and feet after exercise or in fever condition. In addition, he had skin rashes, joint pain, severe fever, and some other complex symptoms.

They consulted three different pediatricians; a general pediatrician and two specialists in periodic fever and immunology, respectively. Much research by doctors resulted in consideration of the following diagnosis: growing pains, juvenile idiopathic arthritis, hyper-IgD syndrome, tumor necrosis factor, and familial Mediterranean fever. Extensive laboratory tests were conducted, but none of the findings worked, and symptoms persisted.

Finally, the parents took to the internet and searched on google: fever, pain in feet, and skin rashes. Browsing for several hours, finally, they found an image of skin rashes similar to the skin rashes of their child. It was Fabry disease. They read all the information, sign, and symptoms of this disease. They immediately consulted a dermatologist, and enzymatic analysis confirmed the diagnosis of LSD Fabry disease.

- **Case B:**

A boy of 16 months of age was admitted to a metabolic center after his mother thought that he might be suffering from MPS1. Born immaturely at 33 weeks to non-consanguineous parents, the boy was in continuous need of pulmonary airway pressure during his early three days of life. He also failed his hearing test and was admitted several times. At the age of three, he was seen as a case of microcephaly. On MRI, he was diagnosed as a mild hydrocephalus patient. At the age of five, he was diagnosed with an inguinal hernia. This situation continued for ten months, and his parents were constantly worried about him. Finally, when conditions persisted, and physicians failed to treat him, she searched on Google about bowed finger as one of the symptoms, and the first result was lysosomal storage disease. While studying the site and article, she watched all the images and understood that her child also suffered from the same issue. Based on her findings, when pediatricians asked for laboratory tests, her finding was correct, and this case was solved at the age of 16 months.

Based on both these cases, it is illustrated that the public must be aware of the effective use of the internet, and if they use the internet effectively, then many diseases could be understood, and the same thing played a vital role during COVID. Nowadays, physicians should update the information on their blogging sites to facilitate the public to get awareness and help. Also, one physician may study the research work and findings of other physicians and improve the research work on the whole. Moreover, both cases also highlighted that when physicians find out several signs and symptoms in a patient, they must use the internet effectively to find out the real cause and take advantage of other physicians' findings.

> **Internet and Online Learning:**

The importance of the internet in online learning was realized worldwide during COVID-19. Before that, there were also WhatsApp and Facebook groups for study purposes where instructors also joined them, but people were not aware of learning online in such a way before. A sudden surge in cases of COVID-19 resulted in a lockdown, and all educational institutes were worried about the education loss they would face. This sudden closure resulted in a new opportunity where people utilized the internet effectively to continue their education and online learning. Soon after this, students worldwide were mandatorily exposed to online learning as there was no choice. There were face-to-face lectures, and all were rapidly trained to use the internet for learning and used Google Classroom, Google Meet, Google Docs, Google Forms, WhatsApp, Zoom Meeting, and many more. A study was conducted to understand how the internet is effective for learning English, and eighty students from RAK Medical and Health Science University participated, and research was conducted on them.

Google Docs is one of the applications that can be accessed via the internet, and it automatically saves all the records with significantly fewer chances of wasting the data. It allows the students to write, create, edit, collaborate and share the documents from their

computers, laptops, and mobiles. Students can also insert links, images, or web pages and download them in PDF form or Word format. With this, students can work together on the same document simultaneously, and it compensates for the deficiency of physical classes and helps in learning.

Google Forms plays an essential role for teachers as they can easily create quizzes, surveys, or share the material. This is an excellent use of the internet as students' responses can be automatically analyzed through it, and there would not be any loss in online learning as the teacher can easily understand students' progress.

Similarly, if we use the internet effectively, we can access many google applications that are very beneficial for studies as these offer channels for teachers to share documents and modules. The teacher can upload a large file, and students can watch this lecture or documentary at any time. Similarly, Google Drive offers the storage of all these files. The primary role played during COVID days was of Google Classroom, as this offers online classrooms for students and teachers. After joining the class, the teacher can upload the PowerPoint slides, quizzes, documents, assignments, and lectures.

Finally, when a study was conducted on these students when they shifted from face-to-face classes to online classes via the internet, it concluded that technologies matter a lot in students learning, and online learning has more benefits. (Bender, Wood & McNeely) It also demonstrated that students learn through proper interaction, so they must be familiar with the correct use of the internet and its applications for better learning. This study highlighted that using Google applications significantly impacts learning foreign languages and improving English language skills. Similarly, Liu & Jou 2013 conducted a motivational questions research, and the same results were obtained that highlighted the importance of the internet and its proper use.

In 2018, Dourda, Bratitsis, and Griva administered a reading and writing test that showed the effectiveness of the internet in improving language skills. The results showed the impact of Google applications on the writing of students, and thus it was declared that the right internet approach and use of google applications are suitable for projects based and online learning.

During COVID days, when the research was conducted on students in RAK medical and health science university, on 120 students, the results were surprising. Among them, 80 students responded, and all had mobiles, laptops, tablets, or iPads, but 75% had never used them for study purposes before. During COVID, they were asked to use the internet for study and learning purposes, and all the classes shifted to online; 75% of them were satisfied that online classes are more exciting and engaging to learn than physical classes. 93% of students could easily discuss any issue with their instructor and talk freely about their grades or any other related to studies, but they did not have this facility in physical classes. 90% of students declared that they got an immediate response and feedback from tutors on their assignments while using internet-based learning. 92% agreed that the teacher communicated with the class and responded to all inquiries through the internet. On the whole, 70% agreed that online learning and internet use highly affected their education, and it is most important to note that none of them had any online learning experience before and neither were aware of this. According to them, Google Meet remained 95% effective, Google Classroom remained 89% effective, WhatsApp was 62% effective, Email was 25% effective, and mobile phone class was only 4% effective.

Conclusion:

Based on all these researches and experiments, it can be understood clearly that if we use the internet to improve our lives, whether in medicine or education or even in earning, the

proper use of the internet and its applications is always effective. Nowadays, based on these highly impressive impacts of the internet, research is being conducted on web 3.0, google translate, google recognition, and google scholar to improve people's learning experience. Designs of websites are being made user-friendly so that everyone can interact and learn. Similarly, doctors are also now working to showcase their work, research, or findings on the internet so people can get benefits, and many doctors are now available online because of this practical use of the internet. Similarly, now students view the future of the internet as the most powerful and effective. Within a few years, most institutes will be shifted online, and it will become traditional.

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