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Introduction

The report aims to provide a demonstration of selecting each topic and using various sources to collect information for conducting research. The report will discuss how to choose a research topic and select a topic for conducting the research. The justification for choosing the topic will also be provided in this report. The discussion on the chosen topic and the methodology used for the research will be also highlighted along with the justification. The way to find credible sources to collect data and conduct the research will also be discussed in this report. Then the data sources for the research topic will be highlighted in this report.

Research topic

Finding a research topic

Finding a research topic is the first step to conduct research. The research needs to be conducted on a particular subject or matter (Cado, 2022). Therefore, the topic is mandatory as without it there would not be any matter, issue, or subject to conduct the research. In order to find a research topic there are several things one can apply. First of all, a student can go through the textbook and syllabus in order to identify the topics that the book or syllabus covers. Then identify which topic he is interested in conducting research on. Another way of finding the research topic is to review the secondary research and articles and highlight some issues that were not resolved there (Nezhmet and Guryleva, 2022). Moreover, the limitations of each secondary research can also give an idea of which field one should conduct research in. In addition to these two approaches, any uprising issues or the topic from the news can also act as the base for finding the research topic. The topic should be searched online and there will be many sub-topics and particular niches that one can pick as the research topic. In this way, one can identify the research topic from conducting research.

The chosen research topic for conducting research is the use of technology in the hospital to provide digital healthcare services to the general public and its effectiveness. The topic was selected because of the emerging use of this service. Hospitals are offering digital healthcare services to the public in recent years. Even though the use of technology in the healthcare sector is really new, more and more customers are using this hospital service (Vlasova, 2022). Therefore much research was conducted on this topic. While some of the researchers were claiming that this digitalized health care system is very effective for the customers, a few researchers also argued that it was not very effective. Therefore, there was no clarity in the effectiveness argument of the

digital health care service. For clarifying the effectiveness of the digital healthcare service, research is necessary to conduct (Furda and Gregus, 2019). Therefore, In order to clarify the understanding of the effectiveness of the digital healthcare service, the topic was chosen for conducting the research.

Discussion of the chosen research idea

The chosen research idea is the use of digital healthcare services and their effectiveness for the public. Digital healthcare services were mostly used by the general public at the time of the Covid-19 epidemic. During the pandemic situation, people had to shutdowns down their rooms for several months. However, the pandemic virus can spread to anyone who gets near it (Tuzii, 2020). Therefore, people were more engaged in technology to avoid any physical contact with each other. At that moment the healthcare service demand was also very high. Even with the simple flu or cough people needed to take, the doctor advises in order to take medication to avoid getting infected. But they could not go to the doctor that easily as they all were shut down at the home and going out means risking their health against the Covuid-19. Thus, in order to meet the demand of the people and to provide healthcare services from away, hospitals were focused on using technologies and providing digital healthcare services. Digital healthcare services were allowing people to get healthcare tips and medication from home. Thus, this demand for digital healthcare services was increased. A research study highlighted that during the Covid-19 pandemic 38% of healthcare required people to use digital healthcare services in order to take treatment and dedication to ensure their health safety (Ema, 2020). Many patients also received their treatment and health guidance through digital healthcare services as many doctors could not visit the patients due to the Covid-19 pandemic. Even after the pandemic was gone and the shutdowns were lifted, people found that digital healthcare services are very convent and highly accessible. They continued to use this service of the hospitals. In order to find out if digital healthcare services are effective for customers or not some research was conducted. The research used various variables in their work such as – the response time of the digital healthcare service provider, the quality of the digital healthcare services, and so on. After analysing the data they gathered, the researchers found that most of the customers believed that the service was effective. However, some of the researchers also found that the quality of digital healthcare services is not very high and not as good as real-time doctor treatment. The researchers also claim that the customers found that the medications are not sufficient enough to mitigate the disease (Marchetti and Petersen, 2021). The researchers also found that the doctors claim that they can not observe the client's physical condition properly as some treatment requires closer observation. Therefore, the

findings of the researchers were not providing a clear upgrading whether digital healthcare services are effective for the public or not as some were indicating that they are effective and others were claiming they are not. Digital healthcare services are very essential because it helps people to get quick access to healthcare services and get medications and device from health experts even at odd hours (Saunders, Lewis and Thornhill, 2019). Therefore, in order to ensure that digital healthcare services are effective and safe for the users to use and take medications and healthcare services through digitalised technologies, identifying the effectiveness of digital healthcare services is required.

Methodology

For conducting research on the effectiveness of digital healthcare services, a descriptive methodology would be used (Moro, 2021). The descriptive methodology will allow for gathering data from multiple sources such as – case studies, books, and articles. Moreover, this methodology is very cost-effective and easily comprehensive. The descriptive method also aids in describing and analysing the situation more completely. Thus, the findings of the research would be valid. For that reason, the research would be conducted with descriptive methodology (Nachmias, Nachmias and Dewaard, 2019). Moreover, the research was also conducted with ethical considerations as there was no bias while analysing the data. Therefore, the research findings are valid and reliable.

Sources to support the research

Finding credible sources to support the research is essential as the research requires data. By providing credible data, they can gain reliability from the target audience and also ensure the validity of the findings. In order to find creditable sources for research, one can search for valid and reliable sources. The data from textbooks or publish articles in well-reputed journals, newspapers, and government websites all are sources of creditable sources to support research. However, even many websites and books do not provide reliable information and data. One can always use peer review to ensure that the data used in the research is authentic and reliable. The number of citations in each journal article also represents the number of authors and audiences trusted with that article. Therefore, considering the number of citations is also a considerable factor in determining the authentic and reliable sources of data that can support the research. In addition to that, finding journal articles and other research papers from reliable search engines such as – google scholar, research gate, science direct, and so on can ensure that the articles and data are creditable. Thus, creditable sources for supporting research can be found.

For conducting the research, few credible sources have been found. Such as – Medical treatment and medication through digital healthcare by Borah, Moro and Deka (2022), Digital Healthcare Empowering Europeans by Cornet (2019), The Digital Healthcare Revolution by Toni and Mattia (2022), and so on. These creditable sources were found by reviewing their data and comparing their data with other journal articles. The number of citations in each of the articles was also taken into consideration. First, the researcher searched the keyword ‘ effectiveness of digital healthcare services in google scholar. From there, the most relevant journal was reviewed critically and their data were compared with other sources. Only then, these sources were selected the creditable sources for conducting the research.

Secondary data

One of these sources has identified that the majority of doctors seem to provide healthcare services through digital technologies honestly (Zhou, Matsubara and Takada, 2022). They try to understand their patients and their symptoms and the recommended medication to improve their health condition. However, some doctors agreed that they can not observe every detail about the disease through the digital healthcare service system. Therefore, sometimes the medication they provide, might not be very useful to the patients. In his study, Cornet (2019) identified that only 11% of the treatment does not work and that is because those symptoms are very complete to observe through digital technologies as they required closer observation. From the customer's or patients' point of view, it has been identified that 84% of the patients and clients claim that digital health care services are very easy to have and they use them a lot as they can communicate with the health experts 24/7 (Jaw and Clint, 2021). Toni and Mattia (2022) have highlighted in their study that some of the customers complain that it becomes very hard for them to get the same doctor for multiple appointments. Therefore different medications from different doctors make it difficult for the clients to follow them. However, the doctors claim that if the patients follow the timetable of the doctor in the digital healthcare services, they will get the same doctors for their appointment (Zhou, Matsubara and Takada, 2022). Borah, Moro and Deka (2022) found in their study although a few patients are complaining about some difficulties in digital healthcare services, their number is very little and the majority of the patients claim that digital healthcare services are very helpful for them.

Findings

By analysing these secondary data, it has been identified that although some of the patients are complaining about the features and treatment and healthcare service, their number is very minor.

By following the particular timetable of the digital healthcare service, it is possible to get appointments from the same doctor repeatedly. The payments should go to visit a doctor if the symptoms are very complex and the doctor the digital healthcare service suggests. All in all the digital healthcare service is very effective for patients as they can get the healthcare service at their required time due to its high accessibility. Digital healthcare service also helps the public by providing healthcare services even in remote areas. Therefore, the findings suggest that digital healthcare service is effective for the public.

Conclusion

The report has identified that in order to find a research topic, one can use the topics from textbooks, journals, or even take an issue from newspapers or, magazines. The report has conducted research on the topic of digitalised healthcare services and their effectiveness for the public. The report has also heightened some of the techniques to identify credible sources that can support the research. The research report has identified that a minor number of patients complained about the digital healthcare service but the majority of the patients supported that digital healthcare service as they claim that it is very effective.

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