

ONLINE MEDICAL CONSULTANCY

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Abstract: *It has been seen that online medical consultancy is considered normal during the time of the pandemic. This is a common and popular thing as this will help to save money as well as this will help people to consult a doctor, within a fraction of seconds. It has been seen that old people are unable to visit doctors as they are unable to move from one place to another. It is a great initiative to help the people by providing medical facilities. This innovative idea, as well as this, can help people in bad or worst situations. It also can be used for the checkups of an individual.*

Keywords: online, medical consultancy, pandemic situation, save money, consult, doctors, old people, medical facilities, initiative, worst situation, checkups.

1. INTRODUCTION:

It has been seen that online medical consultancy is now a common factor, as this medical consultancy is getting into a one-touch. It has been seen that multiple medical applications are formed for access. People love this kind of application as this helps people to detect the health condition of an individual, as well as this will help to save time and money. In the case of online medical applications, the doctors are always present to get remedies instantly, it has been seen that people with minimal conversation are noticed in this. It is observed that this not only saves time and cost, this will also save energy, transportation cost as well as the health system barrier, medical hazards, gatherings, and lack of medical malpractices. It has been noticed that in the case of online medical applications that can reduce the chances of malpractice, a single touch can provide instant remedies.

2. RELATED WORKS:

It has been seen that multiple kinds of problems can be faced during making an online application that is faced by several formers of the application, and the problems are detailing in below

Time problem

It has been seen that people are associated with the time management problem, as during the making of the application sufficient time is needed [2]. In case the proper time will not be given the application will not form

properly and as a result, people can face multiple problems while making the application.

Money management

It has been seen that money management is a severe issue while making an application a proper framework is needed [3]. In that case, the application should be designed to attract people, as well as while taking the initiative to hire the doctors the minimal cost has to be paid in advance. In that case, a lumpsum amount should be in hand, and in case of emergency, that should be provided.

Team management

It has been seen that while making an online application, multiple people are associated with this work, or teamwork will be needed for this. In this case, the management of the team is important, as conflicts and collisions can hamper the pattern of work as well as it can create a negative environment and negative impact on the working environment [2]. In that case, well-maintained teamwork can make the working environment soothing and organized.

Issues related to doctors

It has been seen that while recruiting doctors' problems can be faced as the money and availability act as a crucial matter, as the remuneration of the doctors in the case is not met, the doctors will not available for the patients, not only that this can create a haphazard situation.

Hardware (Evolve)

Processor - Core i7 - 1065G7 up to 2.5 GHz

RAM - 32 GB

GPU - Graphics processes sensor (NVIDIA GeForce RTX 3090 TEiDirectx 12.00)

Storage - A **minimum** of 8 GB of free-hard disk is needed for the installation of the editor's code and the libraries also.

Hardware (Application)

RAM - 6 GB

STORAGE- minimum 300 MB (as per the estimated size of the application)

Operating system - android oreo version as well as also can be browsed on Apple IOS 13

Software (Progress)

Code Editor - Pycharm

Language - PYTHON and JAVA

Library - NumPy

Emulator - PY3270

3. OBJECTIVES:

In order to consult with doctors online and get remedies for certain diseases, in case of an emergency, people can get emergency treatment [4]. Several techniques are added to detect the disease and spreading of the disease as well. Android applications are launched various applications such as “ArrogyaSetu” is a living example of an online application that is used to detect the disease condition and online consultancy must be given by the doctors [6]. This application is invented at a time while the COVID is at its pick point.

4. METHODS:

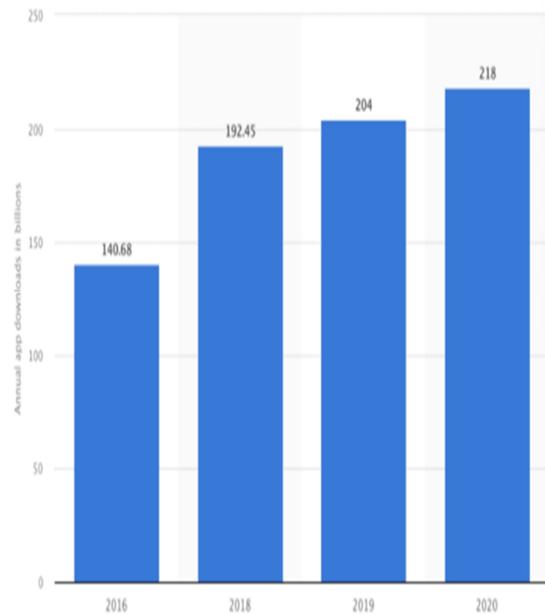
The actual procedure is based on the usage of medical applications that are surfing on the mobiles, and this will help to inspect the situation as well as, people are using the mobile application for saving money as well as they want to save their time also [6]. The main findings are such as whether people are using the medical application on their mobiles or not. Some graphical representations are indicating is showing that nowadays people are using several applications that can only be surfed on android phones only. It has been seen that nowadays people love to use the apple and as a result, these applications are not applicable in this [5]. The main thing that needs to be focused, a unique application should to invented that can be surfed in the apple application too.

It has been seen that various journals related to software and hardware should be used to collect the data [2]. In this case, the research scholars, and news articles are used for the collection of the data. The secondary data qualitative data is used as the data collection method, this will help to gather the data as well as the previous research shows that much new software should be introduced to the world for making the several applications that can help to invent the new applications.

It has been seen that the data should be previously processed, as various kinds of data need to be collected [1]. Various ideas should be taken from various sources to make the work effective. It has been also seen that data should be shouted out according to the preference and that should be incorporated with as per the necessity and preference also.

Data cleaning is considered as those data that are shouted out for future research [2]. It has been seen that various data and formulas are taken from the previous research and that should be incorporated into the present research study.

5. RESULTS:



FIGUR: 1 The usage of mobile application

Source: [5]

It has been seen that the usage of mobile applications is popular from the time of 2016. It has been seen the average mobile application is used higher at the time of 2020, while the pandemic situation is faced by the world. During the time of the pandemic, people are used to surfing the mobile application as the pandemic situation reduced going outside and as a result, people are more addicted to mobiles.

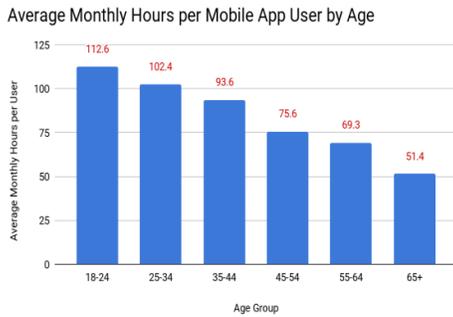


Figure 2: The average mobile surfing

Source: [6]

It has been seen that most teenagers to young adults are surfing mobile applications most, not only that, the average of invest the time for using mobiles is 112.6, and the old people that means elder people those ages are above 65 they use the mobile less. The graphical representation is also showing this.

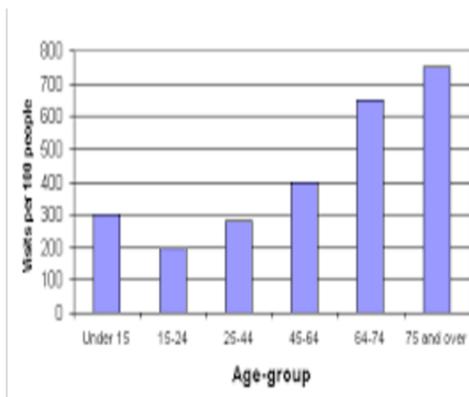


FIGURE 3: The medical application downloaded by the different age groups

Source: [1]

It has been seen that most of the elderly or old people downloaded medical applications, as the immunity system is poor and they face several kinds of disease and as a result, they are downloading several medical applications for emergency purposes.

6. CONCLUSION:

It has been seen that medical applications are most important in case of treating disease. It has been seen that most old age people are using these applications in their mobiles, for initial actions. This is shown that during the pandemic situation, people are taking this application as a blessing as they provide the initial action during the pandemic situation. These applications are formed with the help of various kinds of software and hardware is needed

while making the application, it has been seen that in this many new versions of the software, hardware and computer languages are used. In this, it is seen many applications are used and invented for emergency action, not only that it saves time, save energy and save money too. It is helpful for every single person in the world.

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