

Book My Doctor Application

Amber Abhishek¹, Rahul Kumar Sah²

^{1,2}Student, Maharaja Agrasen Institute of Technology, New Delhi, India

ABSTRACT

The mobile application, called "Book My Doctor Application," is designed for easy access to medical assistance by providing prompt and accurate information. The users of the healthcare system include physicians, patients, pharmacists, and pharmaceutical suppliers. The concept of the application will give users access to all content whenever and wherever they want, given that smartphone usage has skyrocketed. In today's technologically advanced world, it is important to have a quick, digital solution for every issue so that any urgent needs can be met in an accessible manner. This system has a symptom analyzer that analyzes the input symptoms and recommends medications or physicians based on the patient and his or her symptoms. Given how difficult it is to remind everyone in the modern world, medication reminders help users remember their medications. Anything to forget except loud. Many accounts help maintain data security by limiting the user to only data they are authorized to send, so data integrity is very useful. Again, this. The application includes a chat room where users can consult with doctors, avoid waiting in line at the hospital, access there. wallet, and take advantage of the health insurance service. The patient may have a health condition. He is supervised by a physician who can also review past medical records.

Keywords: UIDAI, Android Application, Aadhaar Assistance Authorized Person, Medical Assistance, SOS

INTRODUCTION

"Book My Doctor" Android software Application helps to slow down in medical conditions for the user. The user can register and login to a Google account, mobile number, or any other email address. Insurance agent, doctor, patient, or one of the hospital staff can be a user. It including separate user interfaces for patients and the physicians with the help of Symptom Analyzer In this system, doctors have them. Patient problems. The user of this application can communicate via chat and add files, voice, and video calls, and attach files. The user can access it The SOS feature in emergencies. Plus, the nearby ambulance finder. Base Verification is associated with plans for fulfilment for hospital Documents and emergencies FIRs are available online. SOS feature the user can Also help someone else in need and stay alert Ambulance Authority. It will be a goal Ensure patient safety, ensure all medications are. Medical equipment is available, keep it nearby hospitals, and provide a constant supply of doctors counselling, health advice, and first aid information. By providing medical services as quickly as possible. Including presentations, the system enables users to provide insights, to ensure continuous improvement and refinement. Changing needs of patient Patients and health care Suppliers of goods.

REVIEW OF LITERATURE

Existing Systems

Jio Health Hub: Secure Storage and Sharing: All files related to a user's health, such as prescriptions, medical bills, lab results, and other documents, can only be accessed by them, and can be accessed with and by their family looking at those with access have shared the safety info but cannot change that. Users have strict control over whether their shared information is used for other purposes or shared with third parties without their consent.

Accessibility: Users data is stored in the cloud and can be used from any location and any device if they have secure login credentials. Easy and automated Any health information that a user uploads, clicks on, or receives from connected healthcare professionals or other users is organized in stored folders so in the

Practo: Schedule a doctor's appointment fast: A doctor's appointment is the easiest at Practo. Visit a doctor online: Visit a doctor online for medical advice on the Practo app. Have a conversation with a doctor immediately after a private appointment. Set Medication Reminders: The app will remind the user when to take their medication. Keep your medical records handy: The user can upload their medical records to the Practo app for safe, secure, and accessible use from anywhere in the world. Order medication at your doorstep: A user can order medication online from the app and have it delivered quickly to his home or office.

Lybrate: The Consult a doctor is medical platform covers over 10 million users connecting with over 100,000 top Doctors and pathology labs. Find a doctor: To make an appointment or book an appointment online in the following specialties.

DocsApp: This is an online Doctor consulting app. Ask about your health or Medicine on the app. The user can send health reports and images of affected areas to the doctor in a private chat. Obtain diagnostic tests at the user's home. The user's sample will be collected from home and diagnostic reports will be provided on the app.

PREVIOUS RESEARCH

Healthcare organizations around the world routinely use Information Communication Technologies (ICTs) to identify the specialty clinic nearest to a patient's location Several healthcare applications have been developed for Android smartphones to save time and money for patients and caregivers seeking. An Android-based smart health advice system helps patients schedule appointments, connect with doctors, and find doctors that match their symptoms. Click on Dr. A patient can use the Android application to find the nearest hospital and schedule an appointment based on the availability of the doctor. An appointment alert message can also be helpful if a patient forgets to schedule an appointment. Electronic commerce and e-wallets allow for quick and easy worldwide money transfers. A review of the Google Firebase API for Android uses Firebase to find, store, validate, and retrieve data.

Advantages:

Visit a doctor: Visit a doctor online for any medical help.

Symptom Analyzer: Helps identify a list of potential causes of symptoms.

Ordering Medicine: The user can order medicines from anywhere, including a wide range of medicines and other healthcare products.

The Blood Finder offers several easy ways to find the required blood type. The e-form filled in the hospital is linked to the electronic form filled by the hospital management system.

SOS (Save Our Soul): This is an emergency. You must press the button in the Health Care Android Application, when an accident happens to call the nearest ambulance at the scene of the accident.

Disadvantages:

1. This application needs internet to run.
2. Firebase is flexible, no SQL database implementation requires strict rules for data integrity.

OBSERVATION

1. To make doctor visits user-friendly app to make it simpler and easier Appointment booking process.
2. To increase patient access to healthcare services providing a comprehensive platform Time to check in and make an appointment.
3. By improving the health care workforce Optimization of hiring process as well It reduces operational performance.
4. Enhance the overall healthcare experience by Missed minus the waiting time Selection of Persons.
5. Comparison of internal and external conditions Using the Book My Doctor Android Application.

Only when it was advertised or passed by the camp did one learn about blood donation camps.

Save our Soul

Getting to the hospital on time during an emergency is difficult.

Monitor Patient Status

The physician should check the patient periodically to renew it.

Form Filling at Hospital

Long appointments, which take up time that can be spent caring for patients as well.

With use of app

Contact Doctor

This application allows the patient to communicate with the doctor from any location.

Symptom Analysing

A health problem can easily be diagnosed with the help of a diagnostic machine. Medicines/Medical Equipment

One can get a prescription for medicine or medical devices at any time at the door, by ordering online.

Blood Donation

Save our Soul

The user can easily call an ambulance just by pressing the emergency button.

Monitor Patient Status

Through this application, the doctor can check the patient's live health status at any time.

Form Filling at Hospital

This application is time-saving by filling the form online.

The app should offer a wide range of lab tests covering various health parameters such as blood tests, urine tests, imaging tests (like X-rays and MRIs), genetic tests, and more. Users should be able to browse through the available tests and choose the ones they require.

CONCLUSION

As a result of our investigation, we draw the conclusion that healthcare applications will cover the cost of our emergency medical assistance. A qualitative analyst, a, analyzes the patient's characteristics. It helps medical professionals to treat patients more skilfully. as This software has a function that lets a patient and a doctor speak directly, in addition to chat room services. It may be necessary to use the Android Health See app quickly to obtain accessible medical coverage. the use of this application. It facilitates the doctor's management of the patient's medical condition. Data on physician and patient safety is validated through verification. Blood needs are now easily accessed by the hospital's closest provider, and it works well.

REFERENCES

1. <https://play.google.com/store/search?q=pr+act&c=apps>
2. <https://developer.android.com/>
3. <https://developer.android.com/build/dependencies>
4. <https://www.geeksforgeeks.org/androidstudio-tutorial/>
5. Naveen Vaswani, Vandana Patel, Ashish Saheta, Smit Shah, Sumit Shah, 'Advanced and Structured System to Ease Medical Assistance,' International Journal of Innovative Research in Science, Engineering and Technology, Vol. 6, Issue 10, October 2017.
6. An Android Based Application for Determining a Specialized Hospital Nearest to Patient's Location, International Journal of Computer Application (09758887), Volume 118, 9 May 2015.
7. Ravi Aavula, M.Kruthini, N.Raviteja, Shashank, "Smart Health Consulting Android System", International Journal of Innovative Research in Science, Engineering and Technology, Vol. 6, Issue 3, March 2017.