



Home Remedies Encyclopedia

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ABSTRACT

Home remedies, a system of old Indian medicine, is a form of alternative medicine that employs home remedies. Plants are used as the main source of medicine and treatments in home remedies. Controlling eating habits, taking the necessary nutrients to treat the disease, and controlling daily lifestyle are all part of ayurvedic therapy. In the present scenario of technology, the practice of home remedies is common throughout the world. As per research, people can cure health diseases at home with natural medicines. The most of these diseases are the common cold and cough, headache, stomach pain, etc. They may be brought about by diet irregularities, weather changes, exhaustion, etc., and can be treated without even a doctor's help. Applications abound that serve customers for such medical industry. But these applications have a flaw in that they only offer responses to general healthcare FAQs. That is, these applications don't have two-way communication, people cannot share their own remedies to others. Rating of the remedies is also not there in applications. Work is being carried out to enable two-way communication, people can post their remedies, remedies can be rated on basis of that how it is useful. This paper gives a brief review of the app for the medical cure.

Keywords: Diseases, Cure, Home Remedies, App.

1. Introduction

Home remedies, often known as the knowledge of life or immortality, is an alternative comprehensive study that dates back over than 5000 years in India. Home remedies is the earliest kind of medicine that has been from historic period. Home remedies is the foundation of all forms of medicines. There are many and exciting ways to learn about remedies, diets, exercise, living, and treatment. There are many and exciting ways to learn about remedies, diets, exercise, living, and treatment. Home remedies, are thought to be a part of the Vedic literature and were structured into a small, comprehensive system of healthcare. There is many debates concerning the three founding documents (converting inputs into useful outputs) of air, fire, and waters in the 10,572 verses of the Vedas. The hymns discuss prosthetic limbs, transplants, and the application of plants to treat physical and mental ailments and promote lifespan. The Atharva Veda includes descriptions of biology, pharmacology and therapy. The suggested android application suggests users in creating home remedies for medical conditions. It also guards against a number of dangerous and unwanted consequences of English medicines. Herbs are used as the primary source of medication and therapies in home remedies. These commonplace treatments are now commonly accepted around the globe. Any remedy's materials are readily available in the home. Therefore, treatments are both affordable and simply to carry out. There is very little chance of negative effects with these treatments. Thus, it can be regarded as a safe medication. Using this app to heal oneself can result in financial savings. A significant element driving this initiative is the desire to create a home remedy app that will best serve the needs of the public. This would make it easier for people to look up treatments. This application was created to better fulfil the needs of the people. Here, the patient looks for comfort cures that would help them recover quickly.

Huge improvements in public welfare coexist in the initial decade of the twentyfirst century with acute suffering in several regions of the globe (Barnes, 2007). Health care quality, cost, and disparities have grown between and within communities all around the globe. Traditional medicine has its importance to healthcare system, both in industrialized and developing countries, have recently attracted a rising amount of attention. Conventional medicine has many good attributes including diversification, versatility, easy availability, broad acceptance in developing nations and popularization in advanced countries, relative affordability, decreased numbers of development programs, perceived absence of adverse effects, and world economy significance (WHO, 2002). For the purpose of achieving the goal of increased access to health-care facilities, it is imperative to integrate conventional remedies into socialized healthcare. The public individual decisions on the fusion of numerous medical sectors and the development and application of strategy however appear to deviate from the evidence (D. Shankar, 2007). Protection, efficiency, reliability, and sensible use of herbal medicine are some of the primary policy issues, according to WHO. Herbal medicines are defined by the WHO as "healthy behaviors, reaches, understanding, and belief systems that integrate shrub, wildlife, and nutrient medications, divine treatments, special equipment, and workouts, applied either alone or together to cure, detect, and prevent infections, or preserve health." The non-conventional medicines are used to refer to a wide range of medical methods which are not component of the nation's culture or that are not incorporated into the predominant health service. For describing and categorizing conventional medicine, a number of categorizations have been adopted. It has been noted that there isn't a single, comprehensive repository of medical knowledge and practice (Patwardhan). Similar statements are made in the WHO policy, which claims that the word "option" refers to broad heterogeneity groups which are more

described on what they contain not than they are [2]. Medical practitioners and the public at large have accepted mobile phones applications more often in recent years (A. S. M. Mosal, 2012). It is now possible to use mobile applications at the moment of care. Thanks to the mobile phone, a modern technique that integrates cellular connectivity and compute in a portable device.

2. Objective

The primary goal of this research is to categorize mobile phone healthcare and home remedies technologies. The proposed system has several features like.

- Simple user interface.
- Search facility.
- A brief overview of the medical problems and treatment.
- Displaying results for related issues.
- Post your own remedies.
- Like and comment on remedies.
- Rate the remedies.

3. Literature Review

Mobile application named Inside Me is a digital healthcare application that can raise users' awareness of their health. This software seeks to monitor client workouts as well as check and assess user health status. Additionally, it offers the user certain guidelines and recommendations for preserving and enhancing their health. Additionally, it assesses the likelihood that the user has either one of these illnesses: both diabetic and cardiovascular illness. Different sources, including surveys, health records, and wearable technology, are used to gather the data input. Algorithms for machine learning handle the vulnerability assessment (S. Bussadee, 2016).

Using the Internet of Things (IoT) concept m-Health system which is a healthcare system was described. The basic attributes of m-Health systems, such as simplicity, Internet connection, low power usage and safety, are described in this app. It covers the collection of cellphone health records via sensors and medical equipment, in addition to how to use that data to track various diseases like heart rate, asthmatic, glucose levels, and ECGs. For an Internet of things mobile healthcare system, security is crucial. It deals with the concerns of safety, secrecy, and transparency in the setting of such a safe mHealth model. To safeguard patient and healthcare information, a number of steps are specified. Patients can get benefits in many ways. The entire cost of healthcare and unneeded hospitalizations will be greatly reduced by the m-Health system (S. H. Almotiri, 2016).

Later m-Health system was proposed so that the healthcare application can run properly with accuracy. Worldwide, the people could enjoy amazing benefits from smartphone health (m-Health) tech, including an enhanced medical service with fewer mistakes, lower costs, and more health - care system dedication. It is necessary to control the development and design of smartphone healthcare applications and gadgets to ensure their safety and effectiveness. The appropriate mechanisms then need to be used to execute it properly. When a product is on the marketplace, it must be kept up-to-date and managed to meet the evolving demands. Most importantly, this technique must be applied correctly to prevent any hazards for people (S. H. Almotiri, 2016).

Later a healthcare application was presented with the aim of raising guardians' and kids' awareness of the dangers of overweight and assisting them in maintaining a balance and nutritious dietary habits. The suggested smartphone app serves as a learning device for assessing weight management strategies and danger factors. The program has been developed on the IoT concept, that enables monitoring intake of food, remote capturing, and regular testing of children's information with active responses presented on the smartphone app (B. M. Silva, 2011).

After that another application was presented outlines a few quick glimpses of present applications and predicted trends for different data transmission in the fields of healthcare. It examines its uses for health, outlines the difficulties encountered in a setting where Wi-Fi techniques have been widely used in the medical field, and a system that offers adaptable and practical health observation, advice, and treatment might just be developed to deal with the difficulties which arise (M. Alloghani , 2016).

4. Important Factors

To develop a proper and smooth healthcare application one need to keep in mind some important factors before the development process.

- One should follow all the legal rules before developing any healthcare application.
- Be clear and focus that what you want to make.
- The application made should be interoperability so that one can transfer information from one device to another.
- Before the development process one should know that are the features that we have keep in our application.
- Simple to follow User interface and experience.
- Security
- Simple to follow User interface and experience.

5. Implementation

For the implementation or development of one idea one need to follow the step-by-step process than only its creation will be possible.

1. Problem Identification is one of the very important steps as it tells us the problems and help us to determine that what type of application we have to develop.
2. Platform Identification and choice of technologies to be used in the development application . The platform used for the development of this application is android studio and technology used is android.
3. Choosing the location of the deployment of the application. We have deployed our application on android.
4. Proper designing of User Interface. User Interface helps us to attract the users. One should have application that is easy in navigation and standard font should be used.
5. After the development of frontend backend development is done. Database connectivity here firebase is used as database.
6. After the development of the application testing of the app is done to check bugs and any type of problem .
7. Then the application is launched so that the customers can use it for their health problems.
8. Performance should be tracked and according to the performance updates should be done.

6. Features

The app is created in Android and may be downloaded and installed on every device that supports Android. The client must download the app and sign up for the service. The username and password must be entered just once by the registered user The Android Studio IDE was used to create the Home Remedies Healthcare application. The information is stored by the application using Firebase. The data is kept in a database called Firebase. Our application involves following modules .

- Login: The user must sign up for the app. User name, email id, contact details, and other basic information must be provided.
- Search Result: This module will display the result to the user for what user has requested. Data is fetched from the database according to the request and displayed.
- Post: Every user who wants to use this application will create his/her account and will be able to post any remedies for particular health issue.
- Rate: The rate module in our application will help user to rate the remedies which they think is beneficial for them. And the highest rated remedy will be the best cure for the disease.
- Follow People: This module will allow user to follow the people on application whom they think gives best remedies for the illness.
- Like and Comment: This module will provide the facility to like and comment the remedies that is useful for anyone.

7. Results

In the development of this application android is used. The application will make use of the Implicit and Explicit Android classes. The built-in applications are called using intent, fragment, activities, and firebase in order to deliver and receive data. Firebase will enable us to store and retrieve the remedies stored in the database.

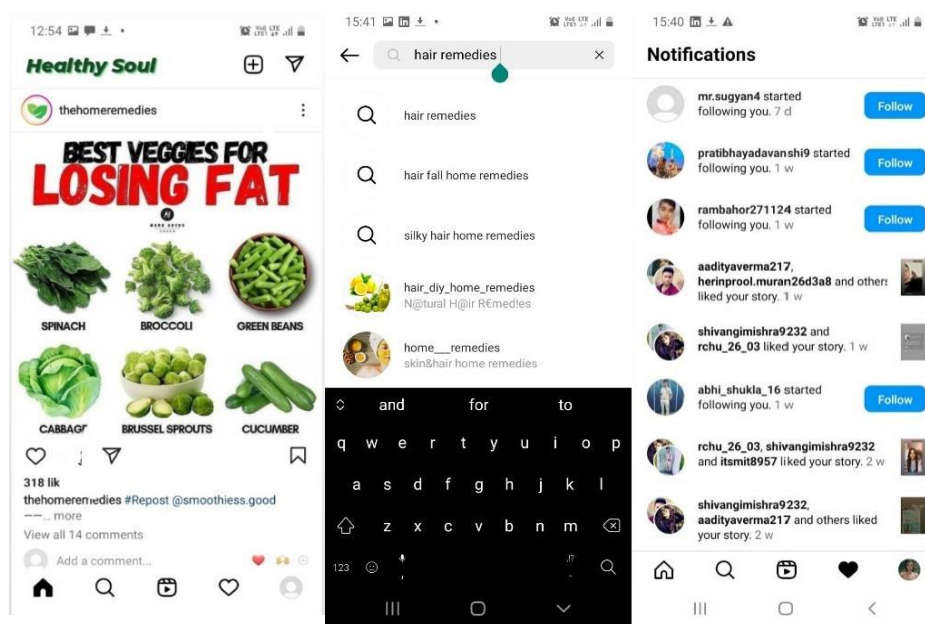


Fig1. Screenshot

8. Conclusion

The application that is home remedies healthcare android application is designed and developed for the people to cure their health illness by the use of home remedies only. Home remedies has to ability to cure diseases without any side effects and in nearly zero cost as most of the ingredients are available at home only.

9. Future Scope

There is a large future scope of this application and many enhancements can be done in this application in future.

- In future some functions of the application can be automated by the help of artificial intelligence.
- Internet of Things can be used.
- Wearable healthcare devices can be made.
- Blockchain technology can also be used in future.
- Concept of cloud computing can also be used.
- One more feature can be added that the app suggests the remedies of diseases that is common in specific area.

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