

uddhArya: To Be Cured

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DOI : 10.48047/IJFANS/11/ISS4/111

Abstract - Web applications for healthcare systems are rapidly developing every day because of the ubiquitous availability of internet connections now-a-days. Patients may simply receive medical advice and medications for their bad symptoms using this app. Living in a distant area might make it challenging to go to the local hospital. In these situations, patients can get their drugs using this internet application, which also outlines the precise timing of when we should take a given medication to heal. We are creating an app for Telugu speakers in remote places. If they are unable to read Telugu, they may decide to have the text translated into Telugu voice.

Index Terms - Health care system, prescriptions, medication, Telugu speech, web application.

I.INTRODUCTION

The World Health Organization (WHO) defines health as a condition of well-being in which a person can use their skills, recover from everyday stress, be productive, and contribute to the community. Our app, according to this, provides self-health remedies.

Urban development results as more people choose to live in cities rather than on farms and in villages. The rural-urban migration can be largely blamed for the fast development of cities like Kolkata in the late 19th century and Mumbai a century later. In impoverished countries, this kind of development is especially prevalent. Urbanization naturally results from individual and group efforts to cut back on travel time and expenses while enhancing options for employment, education, housing, recreation, and business. People and families that live in cities can take advantage of the opportunities provided by proximity, variety, and market competitiveness. Due to their denser inhabitants, urban regions will also absorb more diverse cultural communities than rural ones, enabling others to perceive others like themselves.

The goal of this website's creation is to make medical services more accessible to individuals living in remote areas. because there aren't any nearby hospitals or medical campuses/centers in communities. People may book a doctor's visit and receive free prescription advice by utilizing our website. For those who do not speak English, our website also provides a Telugu audio translation of the language.

A. Self-care

The practice of self-care is taking care of oneself by participating in healthy pursuits and, when needed, taking preventative measures to treat illnesses. Self-care is meant to raise awareness among residents in remote regions without access to hospitals. This page will probably be useful in offering information about the medications that can treat their symptoms. When you go to the self-care page on uddhArya, you may find the symptoms you have, the suggested medications to treat them, as well as the timing of when to take them. To make the description easier to grasp for those who don't speak English, you may read it and hear it in Telugu.

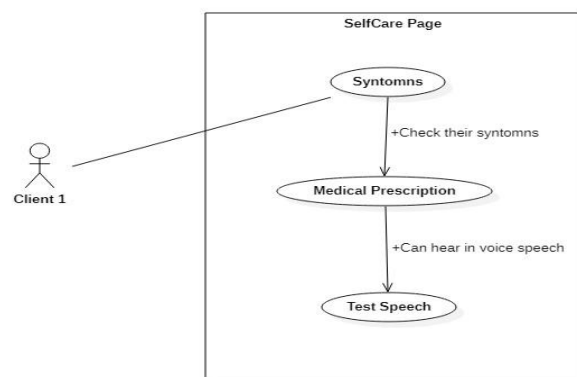


Fig.1: use case of selfcare page

B. Emergency page

An emergency is a situation that is urgent, unforeseen, frequently dangerous, and offers a serious risk to human health. This emergency page will teach you how to assess your own health in an emergency so that you don't have to go to the hospital right away. A condition that is immediate, unanticipated, frequently hazardous, and poses a significant risk to human health is called an emergency. You will learn how to evaluate your own health in an emergency scenario thanks to this website, which will help you avoid having to go to the hospital straight immediately.

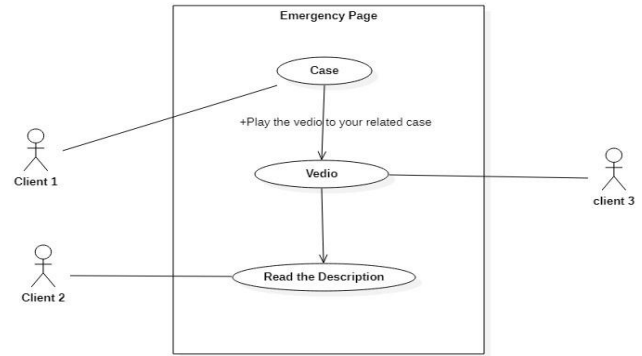


Fig.2: use case of Emergency page

C. Take Appointment

On this platform, hospitals may join and provide their appointment times for patient online scheduling. Technology helps hospitals operate more conveniently. It shows a form requesting for the patient's records after you've reached the appointment page. along with their gender, the patient's full name, phone number, and area code date-month-year as the format for birthdate City, state or province, postal code, nation, in-state address, state address 2, and so forth. A message is sent as an alert to the provided email address, and a copy of the appointment information is also automatically sent to the mail. Do you have prior use of the facilities? If so, you must specify which day(s) you used the facility. When you fill out the form and submit it, you will receive a copy of the appointment information in the mail. To make an appointment, you must choose a date on which you are available to visit the hospital. You may also choose what time you want to visit the hospital.

Now, each device has its own dashboard system that makes communication impossible between various types of devices Furthermore, the

The information provided by these devices was not useful. Sufficient for users, particularly those who require recommendations. We created an appointment page based on their health condition. That provides a doctor appointment near them and sends them a mail [2].

The doctor sends the prescription to the user's email based on the user's conditions in order to protect the user's timely treatment.

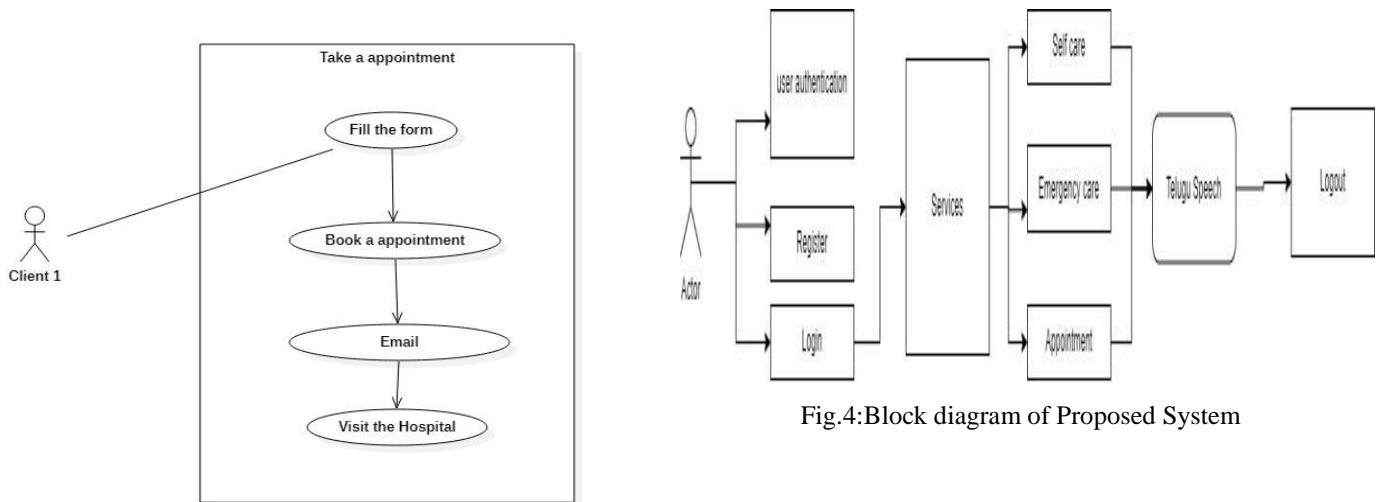


Fig.4:Block diagram of Proposed System

After the prescription is sent to the user's mobile email, the life reminder reminds the user to take medicine on time [3].

Fig.3: Usecase of Appointment page

II.LITERATURE SURVEY

Ms.Mersini Paschou and all, discussed the current need for personalized assistant apps in healthcare. They also discussed m-health apps and how they can be improved in the future. As a result, they conducted a systematic review of health care apps.[4]

Rashmi A.Nimbalkar and all, has developed an application that can be used to search for the nearest hospital for emergency patients which is much faster and provides accurate results. So, our main aim is to develop android applications taking "Medical Emergency" into mind.[3]

Mr.Arif Budiarto and all has stated Development in ICT gives more benefits for human life. One aspect of life that is helped by the development of technology is the health field. Implementation of ICT in the field of health is very diverse ranging from sophisticated devices that help doctors in doing medical treatments to simple applications in smart phone device that can track the daily activities of a person. [2]

Mr.ArielTeles and team, They have provided information on what causes depression and methods for overcoming it. Typically, issues relating to mental health are referred to as mental disorders. Humor diseases (such as depression), excessive anxiety and stress, illnesses brought on by drug and alcohol use (such as drug addiction), personality disorders (such as bipolar), and delusional disorders are a few instances of mental disorders.[1]

III.PROPOSEDSYSTEM

Due to the accessibility of internet connections in almost every place nowadays, online applications for healthcare systems are fast expanding. Using this app, users may get medical advice while immediately acquiring medications for their unpleasant symptoms.

For people of far-flung places, the trip to the nearest hospital may be difficult. In such cases, patients may obtain their medications through this online resource, which also provides instructions on when to take a certain prescription in order to feel a medical improvement. A request has been made for Telugu speakers in rural areas. They might choose to have the material read aloud in Telugu if they are unable to grasp the language.

IV.IMPLEMENTATION

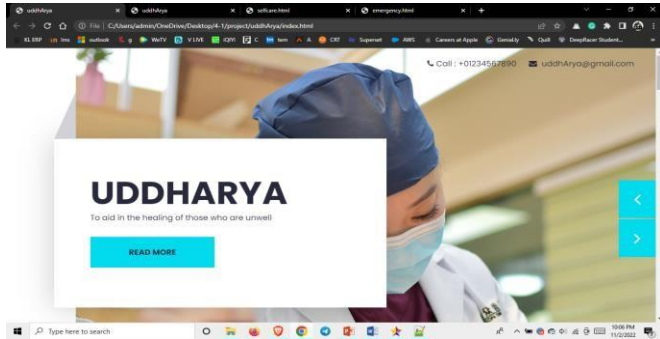


Fig.5: Home page

Home directs to next steps but providing basic details. Sameinstructors will be provided in Telugu language to provide more understanding for the client in the local language (Telugu).



Fig.6: About-us page

Importance of uddharya the main reason for the proposed modeland other important details.

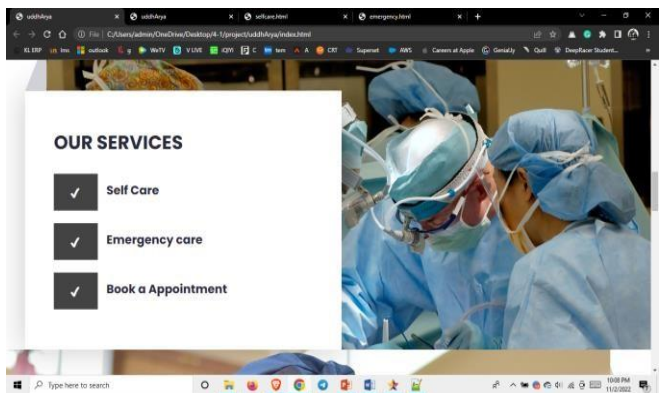


Fig.7: Service's page

Three fields direct us to self-care page to provide information ofmedicine usage and basic dose and time etc.

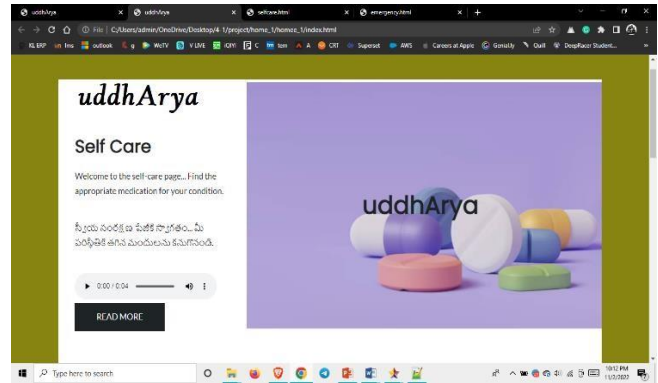


Fig.8: Home page of Self-care Page

Self-care page provide regular medication details and thattime when medicine should be taken we can mark the time in clock to get a reminder with voice for medicine intake.

Syntoms

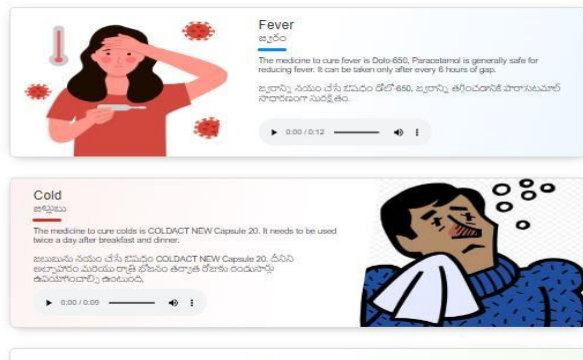


Fig.9: Service page of Self-care Page

Service page provides voice notes in local language Telugu o the clients.

B. Emergency page:

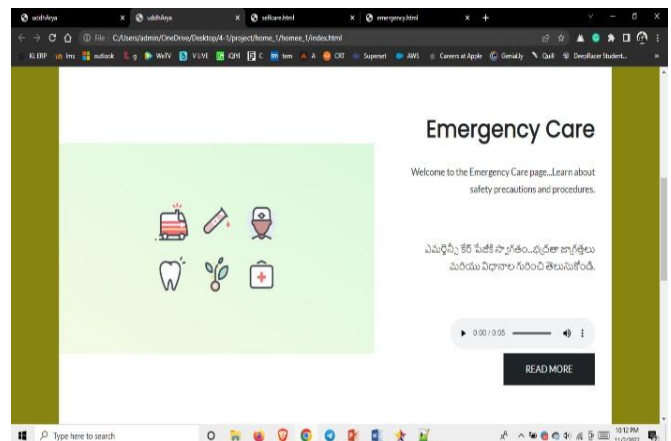


Fig.10: Home page of Emergency page

Emergency care provide the information that need for the intensive suffering.



Fig.11: Service page of Emergency Page

Service page provides the some links to demonstrate the use of some general chronic diseases where medicine require at regular interval.

C. Take Appointment:

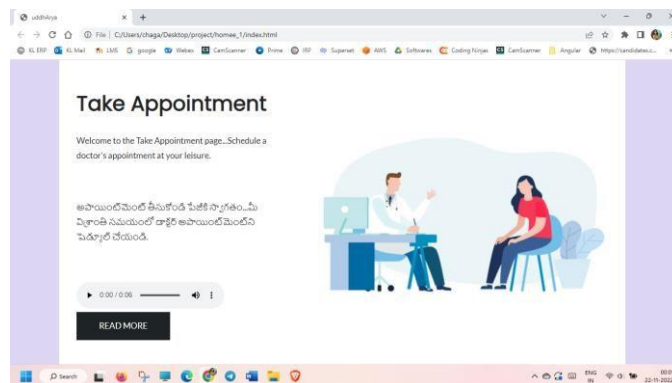


Fig.12: Home page of Appointment Page

Appointment page direct provide an option to book an appointment.

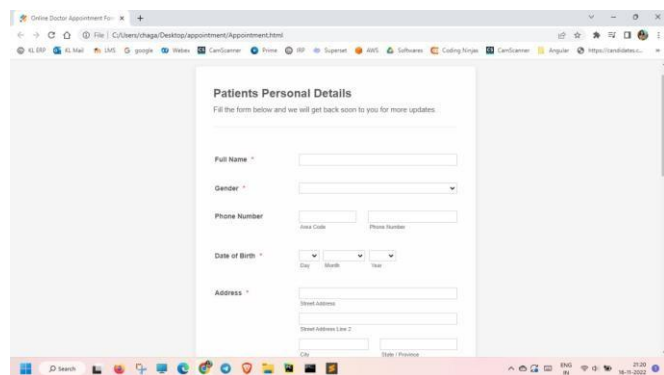


Fig.13: Service page of Appointment Page Basic details should be provided in appointment page to book a slot to the near doctor.

V.RESULT ANDANALYSIS

We have conducted 4 group meetings to evaluate the progression and enhancement of uddhArya. This project will be helpful to the people in the rural areas who don't have immediate hospitality. uddhArya helps find the medicines available for the symptoms and can book an appointment so that you can reach the hospital according to the given time. Urbanization naturally results from individual and group efforts to cut back on travel time and expenses while enhancing options for employment, education, housing, recreation, and business. People and families that live in cities can take advantage of the opportunities provided by proximity, variety, and market competitiveness. Due to their denser inhabitants, urban regions will also absorb more diverse cultural

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VI.CONCLUSION

The uddhAryaProject is a digitally initiative with the goal of facilitating conversations about end-of-life care preferences. In order to discuss and decide on their future care preferences, the initiative offers information, suggestions, and tools for consumers to interact with their family and healthcare professionals. Although there are many places where consumers may find health information, they still frequently turn to healthcare professionals for information about their health and healthcare, supplementing that knowledge with information from other sources (including web sites, family and friends and media). In conclusion, the growth of Web applications in the healthcare sector has been phenomenal. The income and reputation of your medical organization would thus surely increase if you invested in mobile health. Yet, given that it needs more in-depth expertise in back-end development and security regulations, breaking into the medical mobile app industry might be challenging. And by now, we hope you understand and agree with the need of health apps for every medical ecosystem to better prepare for the delivery of interdisciplinary and collaborative health services in the future. We can assist if you're a supplier of healthcare services wishing to create a mobile health app.

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