iJRASET
International Journal For Research in Applied Science and Engineering Technology



INTERNATIONAL JOURNAL FOR RESEARCH

IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY

Volume: 11 **Issue:** V **Month of publication:** May 2023

DOI: https://doi.org/10.22214/ijraset.2023.52997

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International Journal for Research in Applied Science & Engineering Technology (IJRASET)
ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538
Volume 11 Issue V May 2023- Available at www.ijraset.com

Easy Health Care Web Project

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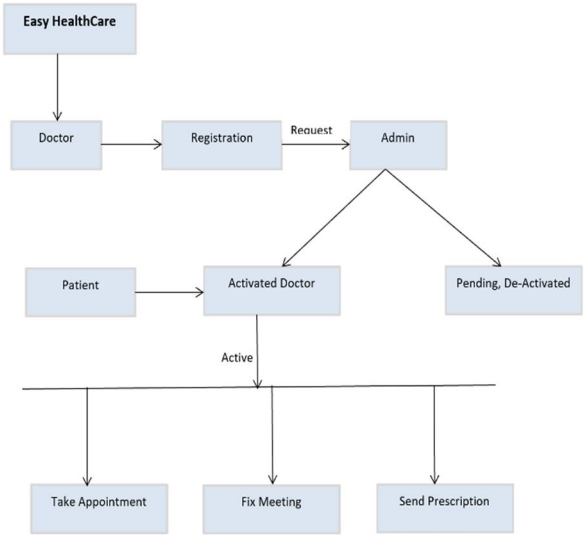
Abstract: ***Welcome to the future of Easy HealthCare, This Easy HealthCare web project is designed to provide users with simple and intuitive platform to access basic healthcare service online. Then platform aims to connect patients with medical professions and facilities in their area, providing access to healthcare service that are convenient and accessible. affordable,***
The website will feature a user-friendly interface that allows users to easily navigate through different sections of the platform. User can search for healthcare services and professionals in their disease. They can also view profiles of medical professionals, read patient reviews and book appointment online.
In this website admin have all the responsibility to manage the user and doctor authentication and also check the education and profession of the doctor.
Overall, this easy healthcare web project is designed to provide users with simple and convenient way to access healthcare services and information online, improving overall health outcomes and promoting wellness in the community.

I. INTRODUCTION

The Easy HealthCare web project is an online platform that is designed to provide users with easy access to healthcare services and information. This platform aims to improve healthcare professionals and facilities in their area.
The project aims to address the challenges that many people face accessing healthcare services, such as long wait time, high cost and limited availability. By providing a user-friendly online platform, the project seeks to simplify the process of accessing healthcare services and information, making it more convenient for patients to manage their health and wellness.
The platform will feature a range of tools and resources, including an online booking system and search doctor according to their disease.
Overall, the Easy HealthCare web project is a valuable resource for patients seeking convenient and affordable healthcare services, as well as for healthcare professionals seeking to connect with patients and improve healthcare outcomes. By leveraging the power of technology and online connectivity, the project aims to promote better health and wellness for all.

II. RELATED WORK

This web-project named Easy HealthCare in which there are 3 panels. One for Admin, 2nd for Doctors & 3rd one for Users. In this web project doctor can register himself with whole details and upload the certificates the all details of the doctor will check by the Admin panel and admin have also three action 1st for accepting the registration 2nd for rejecting the registration and 3rd one for Pending the registration of the doctors.



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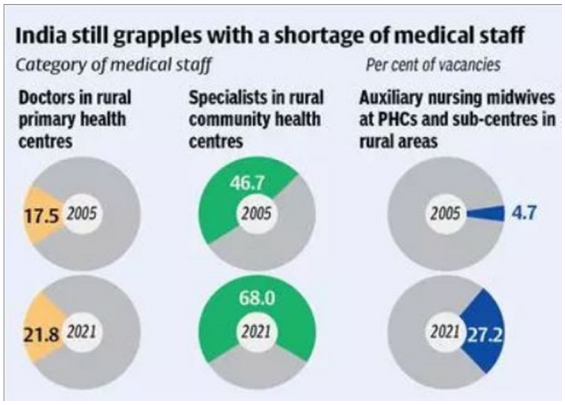
When doctor is submitting our registration to admin the action is by default pending. When Admin is satisfied with whole document which is submitted by the doctor then admin accept the registration either reject the doctor registration.

After accepting the registration of the doctor by the admin, now doctor can accept the appointment of the patients. After taking the appointment doctor and patient are connected through the video calling by using Android mobile, Tablet or Laptop. Once completing the meeting doctor upload the prescription to the patient. Patient gives some feedback to the doctor.

If Admin rejects the request made by doctor then the doctor can't do anything in this. That request will go to admin panel, if admin want to activate that doctor registration after some time then Admin can do that.

Admin considers all the feedback given by patient for that particular doctor if feedback will good the no action perform by the admin otherwise send him a mail and reject his authentication by the admin panel.

Easy HealthCare involves greeting patients, answering phones, scheduling appointment, and maintain the patient records.



III. IMPORTANCE OF EASY HEALTH CARE IN INDIA

1) *Accessibility:* India is a vast country with a large population, and ensuring easy access to healthcare services is crucial. Easy healthcare facilitates the availability of medical facilities, healthcare professionals, and essential medications in remote areas, ensuring that people from all regions can receive timely and adequate healthcare.
2) *Timely Intervention:* Easy healthcare enables early detection and intervention in case of illnesses or health conditions, Prompt medical attention can significantly improve treatment outcomes and prevent the progression of diseases, reducing the burden on both individuals and the healthcare system.
3) *Disease Prevention and Public Health:* Easy healthcare plays a vital role in promoting preventive measures and public health initiatives. It allows for the dissemination of information, education, and awareness programs, facilitating early detection and prevention of diseases. Routine check-ups, immunizations, and screenings can help identify potential health risks and mitigate them before they become severe.
4) *Economic Growth and Development:* A healthy population is essential for economic growth and development. Easy healthcare ensures that individuals can maintain good health, enabling them to be productive and contribute to the workforce. By reducing the burden of illness and improving overall health, healthcare accessibility promotes productivity, economic stability, and human capital development.
5) *Equality and Social Justice:* Easy healthcare services promote equality and social justice by ensuring that everyone, regardless of their socioeconomic background or geographical location, has access to quality healthcare. It helps bridge the gap between the privileged and the marginalized sections of society, promoting a more equitable healthcare system.
6) *Healthcare Infrastructure and Capacity Building:* Focusing on easy healthcare drives the development of healthcare infrastructure and the capacity building of healthcare professionals. It encourages investment in healthcare facilities, the establishment of primary healthcare centers, and the training of medical personnel, ultimately strengthening the overall healthcare system.

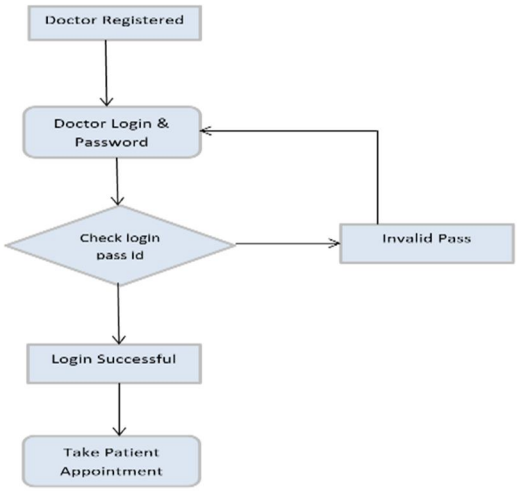
IV. MODULES OF EASY HEALTH CARE

A. Admin Module

Admin verify the details of the doctors and his specialization filed also admin add and remove doctor from the web application. Admin check appointments of the patients.

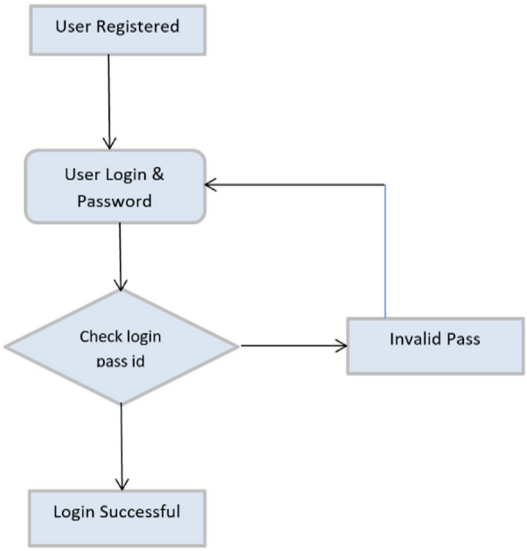
Admin considers all the feedback given by patient for that particular doctor if feedback will good the no action perform by the admin otherwise send him a mail and reject his authentication by the admin panel.

B. Doctors Module



First of all doctor will register ourself on the web application and admin verify the details of doctor and provide login details to the doctors after this doctors login successfully and view the patients appointments and schedule online meeting with patients

C. User Module



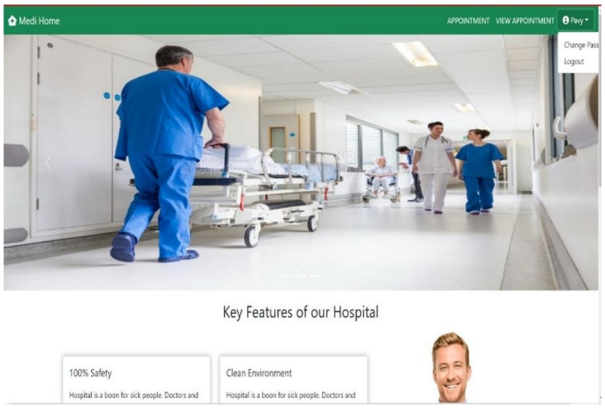
First of all user do registration on the web application. web application provide doctor details to user (patients) according his specialization in various field like neurologist, surgeon, cardiologist, Ophthalmologist etc. and according to diseases user send request for appointment to doctor and doctor schedule meeting online when he want to meet with patients

V. RESULT

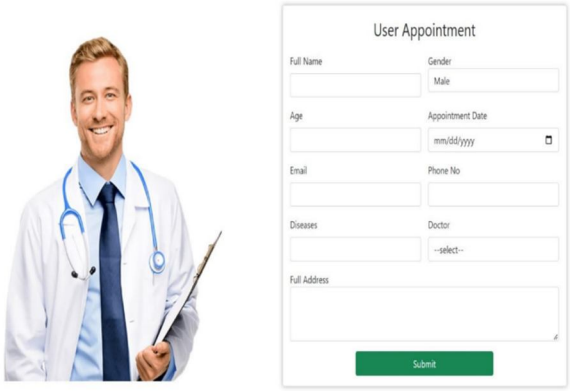
After the implementation we will get the three interfaces – 1st for Admin, 2nd for Doctor and 3rd for Patient.
In this project without logging in, no patient can book the appointment but they can see the doctor specialization without logging in. It means for In this project if user forgot their password then he can easily change their password by entering their email id.

After taking the email id we will send the password to that email if email details exists in our database. For seeing the details logging in. it is compulsory that if any doctor want to take any appointment then he must be verified by Admin.

A. Home Page



B. User Appointments



VI. CONCLUSIONS

To conclude, Easy HealthCare has emerged as a game-changer in the healthcare industry. Its user-centric approach, combined with technological advancements, has transformed the way healthcare services are accessed, delivered, and managed. By promoting convenience, accessibility, preventive care, and patient engagement, Easy HealthCare has the potential to significantly improve health outcomes and contribute to the overall well-being of individuals and communities.



Full Name	Gender	Age	Appointment	Email	Mob No	Diseases	Doctor Name	Address	Prescription
ram kumar	male	23	2023-04-30	pavy@gmail.com	7857878656	fiver	Abhishek	C 48,bita 1, greater Noida	dolo625, vitamin e capsul
monu kushwaha	male	22	2023-02-10	pavy@gmail.com	3245243553	Heart	S kumar	C 48,bita 1, greater Noida	done
Nishant Singh	male	22	2001-01-01	nishant12@gmail.com	9867568976	Heart	monu kushwaha	C 48,bita 1, greater Noida	kjdfghdf
virat kohali	male	32	1997-07-09	virat12@gmail.com	4526322178	dentist	Anita kumari	getwy	done
S K kumar	male	25	2022-09-09	yoyosingh643@gmail.com	7867548435	dentist	Anita kumari	CHOPAN CHOPAN	check up completed
pavy kumar	male	23	2022-08-31	pavy@gmail.com	8756857865	fiver	monu kushwaha	C 48,bita 1, greater Noida	ok

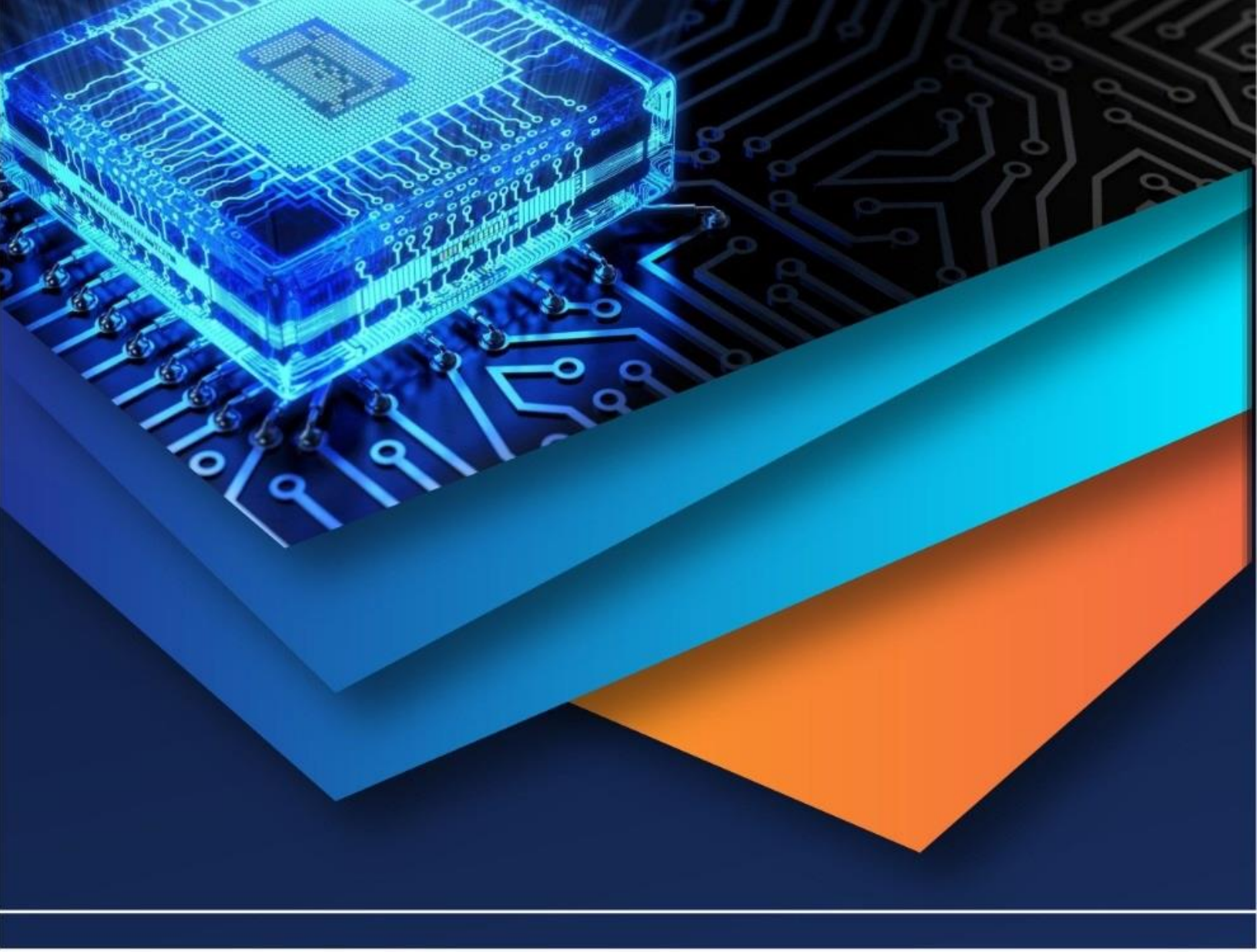
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However, it is important to note that while Easy Health Care has revolutionized healthcare delivery, it is not without its challenges. The digital nature of the platform may pose barriers for individuals with limited access to technology or those who are less technologically inclined. Additionally concerns regarding data privacy and security must be addressed to ensure the confidentiality of sensitive medical information.

REFERENCES

[1] Servlet and JSP in Action Author: Duane K. Fields, Mark A. Kolb, and Shawn Bayern[2001]
[2] Head First Java By KathySierra & Bert Bates and published by Shroff/O'Reilly
[3] Core Java by Cay S. Horstmann and Gary Cornell
[4] Extreme Java - Concurrency Performance for Java 8 by Dr. Heinz Kabutz
[5] Java: How to Program: Early Objects by Paul J. Deitel and Harvey M. Deitel
[6] Java 8 in Action by Alan Mycroft and Mario Fusco

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