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“Online Medicine Donation System”

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Abstract: The goal of this medicine donator paper is to create a portal for the gathering of unneeded medicine that may then be given to someone in need. The web-app should allow users to donate any unused medicine to a non-profit. That NGO is capable of assisting those in need. Many poor people who cannot afford to buy their own. Organization can seek therapy and drugs using this web-app to cure their diseases, and any unused medicine will be used. This effort will collect unused medicines from persons who have recovered entirely from their disease and no longer require them, as well as from organizations and individuals who wish to give pharmaceuticals. Following the collecting of these drugs, they will be transferred to non-governmental organizations (NGOs) who will inspect them and, if authorized, would distribute them to the people directly for free. A log in is required for the User, NGO, and Admin.

Keywords - NGO, Donor, User, CSS, PHP

1.INTRODUCTION

The planned Medicine Donation system seeks to provide an online platform for giving medicines or unused medicines to those who are in need. Users can sign up for this system by filling out the required information. After registering, users can contribute drugs to NGOs by giving precise medicine information. If a user requests to donate improper or expired medicines, the system has the authority to block them. The system will keep track of donated and available medications. Users can make a request for drugs to be donated or made available. When medicines are donated in a well-organized and controlled manner, they can save many lives and alleviate the suffering of the poor and needy. The "ONLINE MEDICINE DONATION SYSTEM" serves as a link between donors and non-governmental organizations. Considering how many medicines are wasted each year, donating unneeded medicines appears to be a viable solution. Some non-governmental organizations (NGOs) and old-age homes operate with the help of volunteers. They receive funding through such volunteers' donations, but not in any other way. People are adapting to the rapidly changing world as a result of new technologies. Websites on the internet play an important role in this. Where the user may easily do what they want from their current location. With just a few clicks, the consumer can donate voluntarily without having to go anywhere. There are a few similar sites for drug donation, but they aren't up to par and require more human data processing. We will be able to solve such issues in the future thanks to various imageprocessing technology.

2.LITERATURE SURVEY

Authentication Of Unused Medicine Donation for NGOs: This system will consist of Admin, User & Verification for medicines. Tools & Technology used: Microsoft SQL server Java script [1]. Online Medicine Donation System: Tools & Technology used: Php, My SQL, Subline text editor, Apache [2]. Online Medicine Donation Portal: There will be the login for User, NGO, Admin. Tools used-ASP NET, SQL management system [3]. Online Medicine Donation Website. Tools & Technology used: Php, My SQL, Subline text editor, Apache [4]. Give med: A Web portal For Medicine Distribution Among Poverty-Stricken People. This paper represent how they develop the portal. They divided the development phase in three parts: Database and serverEnd, User interface, Security Aspects Tools used: MySQL, HTML, CSS, jQuery, PHP [5]. Android Application For Medicine Donation. This system will consist of: Admin, User, volunteer [6].

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Online Organ Donation Management System. This system consists of public administrator, Doctors, Medical assistant & Management Staff. [7] Blood Donation Management System. This system consists of User, Donor& Admin. Tools & technology used: Microsoft SQL server, Virtual studio.[8] Online Transparent Charity System: In this system there is a collaboration between the NGO, Donor and the Administrator.[9] Online Blood And Organ Transplant Management System: This system consists of donor and user. Tools are used: Eclips[10]. Online Blood Bank Management System using Android Application. This study focuses on the Online Blood Donation Management System, an android app with a companion mobile app that aims to serve as a means of communication between patients (who require blood) and donors [11]. People would be able to register as donors and make themselves available anytime their blood type is needed, according to the planned system. They've added a search tab that allows you to look for folks who are willing to donate. Health-related information would be included in our suggested system for donor registration. be updated in the database of the blood management system for all to see [12].

3.METHODOLOGY

This system will gather drugs from persons who have recovered entirely from their illnesses and no longer require them, as well as from organizations and individuals who want to give pharmaceuticals. Following the collecting of these drugs, they will be transferred to non-governmental organizations (NGOs) who will inspect them and, if authorized, would distribute them to the people directly for free.

The system will consist 3 entities:

- 1.Admin
- 2.NGO
- 3.User
- 3.1Admin

Admins must first log in, then input their email and password, after which the email and password must be verified. Login will be successful if the administrator enters a legitimate email address and password; else, the process will be repeated. After logging in, admins will be able to add NGOs, then review the NGO/User list, verify prior transactions, and collect medicine.

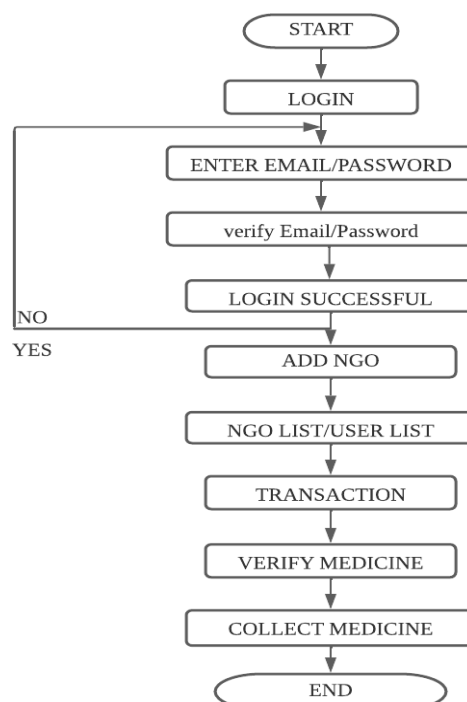


Fig 1 Flowchart For Admin Entity

3.2NGO

NGO's must log in if they are already registered, or they must first register. Then, after completing the registration procedure, the NGO can log in using their email and password. If all of the information is right, the NGO will be able to login successfully; otherwise, the process will be repeated. After successfully logging in to the NGO, you can check the medicine list and make a request for medication

3.3USER

First, if the user is already registered, he or she should login; otherwise, the user must login with credentials for the first time. After that, the user must enter their email address and password, after which their credentials will be verified. The user will be able to login successfully if all of the credentials are accurately filled out.

After successfully logging in, users can contribute medicine, check their donation history, and provide feedback.

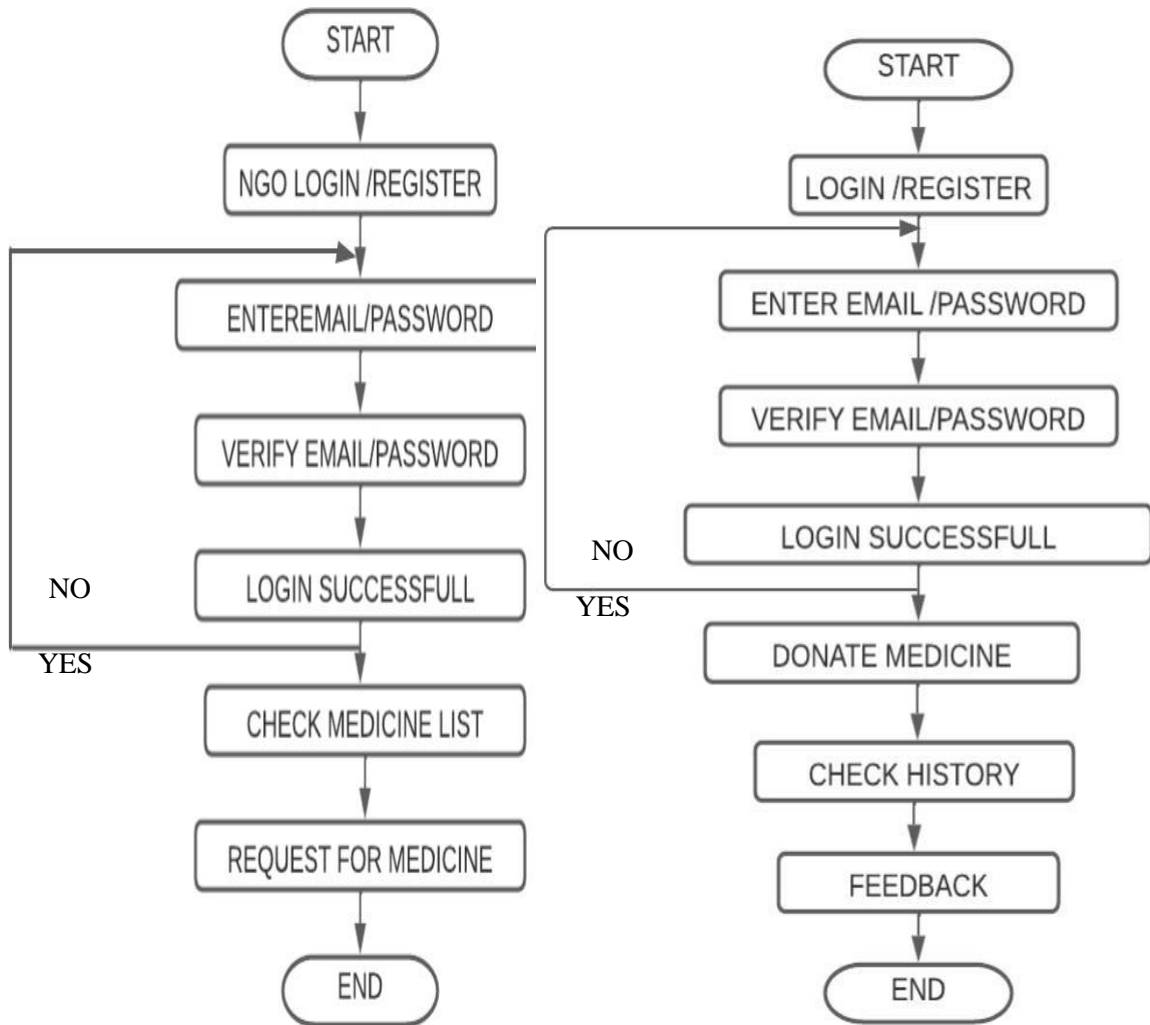


Fig 2 Flowchart For NGO Entity

Fig 3 Flowchart For User Entity

3.4 TOOLS TO BE USED

3.4.1 Framework

We used ASP.NET MVC as a framework. It helps programmers to create a web application by combining three roles: Model, View, and Controller. The MVC paradigm divides web applications into three layers of logic: Model (business layer), View (display layer), and Controller (controller layer) are the three layers that make up the model (input control)

The "ASP.NET MVC" framework is a small, highly testable presentation framework that works with existing ASP.NET capabilities. Master pages and membership-based authentication are two of the connected features.

3.4.2 Scripting Languages

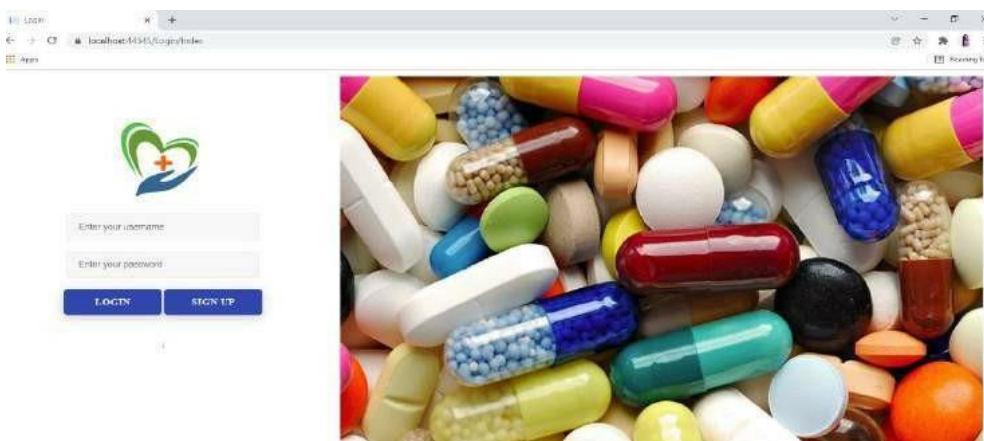
We utilize a scripting language called Java is an object-oriented programming language that gives programmers a logical structure and allows code to be reused. The goal of jQuery is to make using JavaScript on your website much easier. We also make use of jQuery. The following features are included in the jQuery library: Manipulation of HTML/DOM CSS transformations Event methods in HTML Animations and effects Utilities for AJAX. With the use of XML, HTML, CSS, and Java Script, AJAX is a new technique for building better, quicker, and more interactive web applications. The structure of a Web page is described in HTML. HTML is made up of a number of different elements. HTML components specify how the content should be displayed in the browser. HTML components are used to identify different types of information, such as "this is a heading," "this is a paragraph," "this is a link," and so on. The CSS language is used to style HTML documents. CSS specifies the appearance of HTML elements. C# is a modern, general-purpose programming language that can be used to accomplish a wide range of activities and goals in a variety of industries. Bootstrap is a free front-end framework that makes web development more efficient and straightforward. Bootstrap includes design templates for typography, forms, buttons, tables, navigation, modals, picture carousels, and many other things.

4. RESULT AND DISCUSSION

This document will give an internet platform for distributing drugs or unused medicines to individuals in need. These are the output layout pages: Admin user list, Admin medicine list, Admin add new medicine, Admin user donate list, Admin NGO request list, Admin medicine stock list, Admin feedback list, NGO request medicine list, NGO add request medicine list, NGO request list, NGO feedback list, User my donate list, User add new medicine, User donate list, User feedback list, User my donate list, User add new medicine, User donate list, User feedback list, User feedback list, User feedback list, User feedback list, User feedback.

LOGIN PAGE

We must login using important credentials such as username and password on this page; otherwise, we must first sign up and register using the required credentials.



1. Login Page

ADMIN USER LIST

The user can view the entire user list on this page. Admins can see information about NGO's and Donors in this list, such as their name, email address, user name, user type, IS Active, and the date they were founded.



First Name	Last Name	MobileNo	EmailId	NGOName	NGOAddress	User Name	User Type	Is Active	Created On
akshay	patil	9876543210	akshay@gmail.com	-	-	akshay	Donar	True	30-12-2021 20:33:44
Mansi	Patil	9876543210	Mansi@gmail.com	-	-	mansip	Donar	True	26-12-2021 10:09:29
Pradnya	Kambate	9876543210	Pradnya@gmail.com	Sai Om NGO	Thane	pradnyak	NGO	True	26-12-2021 10:08:54
sameer	patil	9876543210	sameer@gmail.com	Shiv Krupa NGO	Virar	sameer	NGO	True	30-12-2021 20:33:13
test	test	56675666	tbjhb	-	-	123	Admin	True	12-10-2021

2. Admin User List

In this page admin can see the available medicines list. ADMIN ADD NEW MEDICINE

With the help of Add new medicine button add new medicine which is not present in dropdown. ADMIN USER DONATE LIST

In admin user donate list the admin can see the available medicine list. and verified the donate medicine and give the verification status

ADMIN NGO REQUEST LIST

Here the admin can see the request from NGOs for medicines ADMIN MEDICINE STOCK LIST

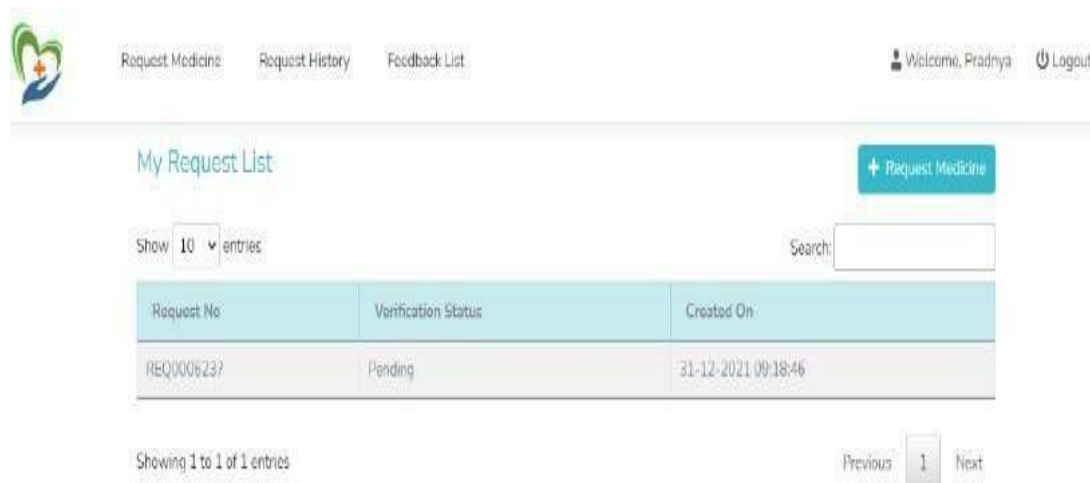
In this page admin can check the medicines list which are available also can check user donor list, NGO request list, Medicine stock, feedback list.

ADMIN FEEDBACK LIST

In this admin feedback list admin can see the feedback which are given by donor this will have request no, name, mobile no, feedback and date of creation.

NGO REQUEST MEDICINE

In NGO request medicine it will have all requests for medicine. In this page user can request for medicine by selecting medicine name and no of medicine needed.



Request No	Verification Status	Created On
REQ0006237	Pending	31-12-2021 09:18:46

3. NGO Request Medicine

NGO ADD REQUEST MEDICINE

In this page NGO will able to see the request this page will consist request no, name, Email Id, verification status, created date

NGO REQUEST LIST

In this page NGO can see all the medicine requests it will have request no, name, mobile number, verification status, created date and time

NGO FEEDBACK LIST

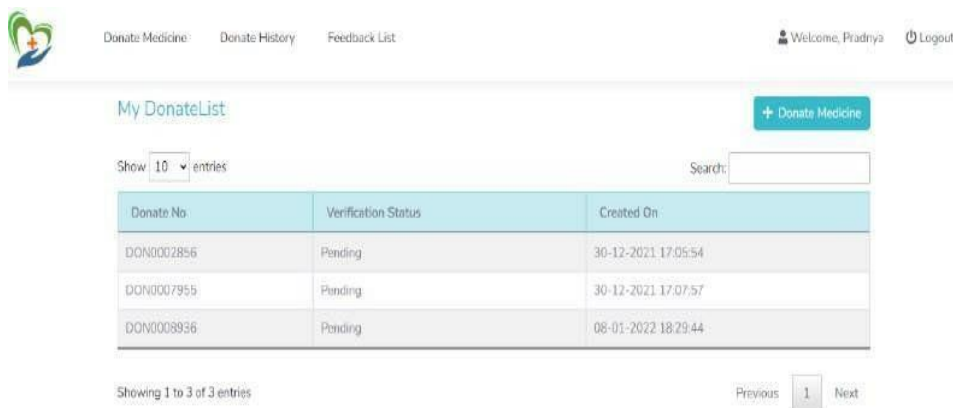
In this NGO feedback list the NGO can see feedback given by the users after getting their medicines.

NGO ADD NEW MEDICINE

In this NGO feedback list the NGO can see feedback given by the users after getting their medicines

DONOR DONATE LIST

In this donate list donor can see the list of medicines which has been donated by him in this donor can see the verification status whether medicines are approved by admin or not and can have the dates of donation.



The screenshot shows a web application interface for 'My DonateList'. At the top, there are navigation links: 'Donate Medicine', 'Donate History', and 'Feedback List'. On the right, there is a user profile 'Welcome, Pradnya' and a 'Logout' button. Below the navigation, there is a '+ Donate Medicine' button. A search bar is present with the text 'Search:'. Below the search bar is a table with three columns: 'Donate No', 'Verification Status', and 'Created On'. The table contains three rows of data. At the bottom of the table, it says 'Showing 1 to 3 of 3 entries' and there are 'Previous', '1', and 'Next' navigation buttons.

Donate No	Verification Status	Created On
DON0002856	Pending	30-12-2021 17:05:54
DON0007955	Pending	30-12-2021 17:07:57
DON0008936	Pending	08-01-2022 18:29:44

4. Donor Donate List

DONOR ADD NEW MEDICINE

In this page the donor can add new medicines with the credential like medicine name, no of medicines and can submit

DONATE LIST

This page will consist the donation list of donors he can check when the donation where did, whether the medicine is approved or not.

DONATE LIST

This page will consist the donation list of donors he can check when the donation where did, whether the medicine is approved or no

DONOR FEEDBACK

In this page the donor can check the feedback and give the feedback too.

5. CONCLUSION

The present epoch has arrived. People from all walks of life, whether rich or impoverished, literate or illiterate, are now concerned about their health. It is a pity that despite their awareness, poor individuals cannot devote enough time to their health care routine due to their low money. The government takes a bold step by providing free medical treatment to the underprivileged. However, in the vast majority of situations, people receive care rather than pricey drugs. As a result, the tremendous initiative has lost its significance to them. This is a quick summary of the design and construction of a web portal that will be extremely useful in getting health services to these poor or low-income people.

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