

Unused Medicine Donation System Using MongoDB

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Abstract - This development aims to contribute treatments (medicines) that are either fresh or stale in nature. The new treatments can be handed to a poor individual who will be able to use them in the future. This programme assists the user in donating any unused medicines to a non-profit organisation. There are three people that make up this body: the administrator, the non-governmental organisation, and the user. A system administrator will log in and manage users, including deleting and barring users who are giving incorrect or expired drugs. In addition, the administration has a consultant, similar to the appointment requested by the NGO. The administration receives a monthly noise of remedies that have been contributed. Authorizations are used to register and login for non-profit organisations. They can promote a request for an appointment, which will be added to a more appropriate and comprehensive list by the administrator. The standard is managed by an NGO, which aids in the preservation of the history of the current medicines. In the event of a safety issue, an NGO can also modify their PIN. Authorizations are used to allow users to register and log in. They can provide remedies by providing remedy details and generating demand; once this has been agreed upon by the administration and the NGO, they will plan a date for the donation to take place. Also available to consumers is a history of their previous remedial transactions.

Keywords: Medicine, NGO, Unused

I. INTRODUCTION

A. Overview

When properly managed and controlled, a donation of tablets has the potential to save lives and alleviate suffering. Actual donation practises can result in savings in budgets for development funds, allowing these buildings to be used for other reasons instead of being

decommissioned. The "Online Medicine Donation System" acts as a link between a vast network of pharmaceutical contributions and non-governmental organisations (NGOs), such as an old age home. A non-profit organisation (NGO) is a non-profit organisation that is self-governing of the state and all general administrative organisations. They are typically sponsored by blessings, while others are fully independent of government funding and are run entirely by volunteers in their hearts. Users of the Internet have expanded dramatically in the last one or two years, and the number is continually growing. As a result, it has become quite simple for users to access and utilise the website. We are aware that there are a number of existing donation sites for pharmaceutical items, but they are not up to the criteria and necessitate the use of additional manual data processing. We can overcome this challenge in the future by inventing new and emerging image processing technology. With this technology, we can overcome all of the challenges described above and create a website that is extremely user-friendly.

B. Motivation

- ▶ Many people living in extreme poverty live in India. It is difficult for poor or low-income people to pay for their medication and health care.
- ▶ As a result, they live in various diseases and as a result the number of deaths increases daily.
- ▶ On the other hand, there are a number of people who are overdosing on drugs even after they have stopped taking medication.
- ▶ Here, we have set up a website for donating medicines to NGO's.

C. Goal and Objectives

- ▶ The aim and object of this project are to prepare an online portal for the collection of unused medicines so that they can be given to the people who are in need.
- ▶ What this project will do is, collect the unused medicines from the people who have completely recovered from the illness and do not require the medicines anymore.
- ▶ This site will help reduce the cost of national health services by making better use of unused drugs and helping poor or low-income people to get better health care .

II. RELATED WORK

This website makes use of leftover materials or items that can be repurposed to benefit the less fortunate. This website contains a large number of depressed from a large number of non-governmental organizations (NGOs) that will acknowledge our client's generosity. The client will be able to see the entire history of their file. Guidelines for Donating Remedies, Revised 2010, World Health Organization Library Cataloguing in Publication, World Health Organization The 2010 revision of the Data Guidelines for Remedies Donations. 1. Preparations for the supply and distribution of pharmaceutical products. 2. The supply and distribution of essential medications. 3. Disaster relief efforts. 4. Emergencies. 5. Inter-institutional ties are important. 6. Recommendations Rating: 330 for the World Health Organization ISBN 978 92 4 150198 9. The first edition was published in 1996, the second edition in 1999, and the third edition in 2011. It was in collaboration with major international organizations involved in humanitarian relief and development assistance that the World Health Organization (WHO) developed this third version of the Guidelines for Remedies Donation in collaboration with major international organizations involved in humanitarian relief and development assistance. The Guidelines have been developed with the goal of improving the quality of drug donations in international development assistance and disaster relief. Donation preparation is of interest to both donors and recipients since it involves the use of good remedies.

Name of the paper	Author Name	Advantages	Disadvantages	Publisher	Year
A Webportal for Medicine Distribution among Poverty-stricken People	Chowdhury Nawrin Ferdous	1. Many needy people will get cured.	1. This application requires an active internet connection.	7 IEEE Region 10 Humanitarian Technology Conference	2020
Online Medicine Donation System	Nitesh A. Godhichor	1. It will help to maintain records of medicines.	1. User needs to put correct data or else it behaves abnormally.	International Journal of Creative Research Thoughts	2021

				(IJCRT)	
A Web Portal for Medicine Donation to NGO's and Check availability of Medicine in NGO's	Shivam Ramanvar	1. It helps poor people for medication.	1. This application requires an active internet connection.	International Journal of Research in Engineering.	2021
Online Medicine Donation Portal	Sanket Rajendrakumar More	1. It will help to maintain records of medicines.	1. User needs to put correct data or else it behaves abnormally.	International Journal of Advance Research, Ideas and Innovations in Technology .	2021

III. OPEN ISSUES

A lot of work has been done in this field thanks to its extensive use and applications. This section mentions some of the approaches that have been implemented to achieve the same purpose. These works are mainly differentiated from the techniques for unused medicine systems.

IV. PROPOSED SYSTEM

- Medications are a fundamental component in lightening enduring, and gifts of clinical supplies will incredibly profit worldwide helpful aid projects.
- This excess medication can be utilized by NGOs, Hospitals who are to be sure for those prescriptions.

- By the utilization of this entry, there will be less wastage of drugs

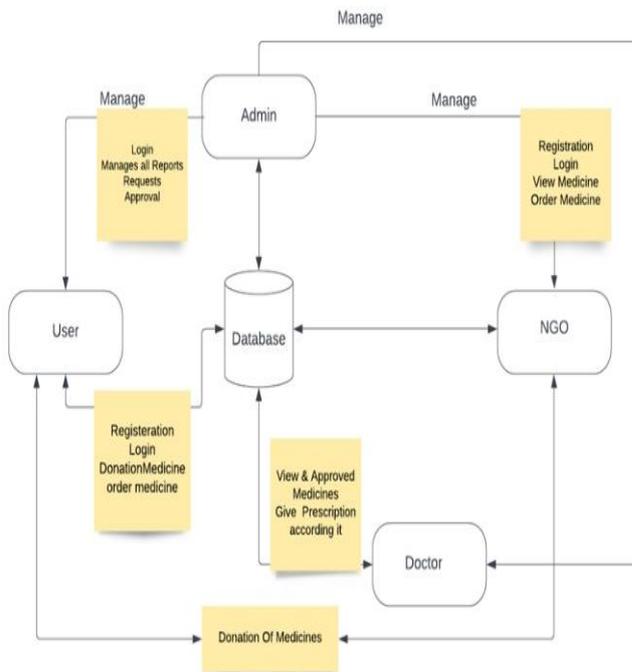


Fig.1 System Architecture

Diagram

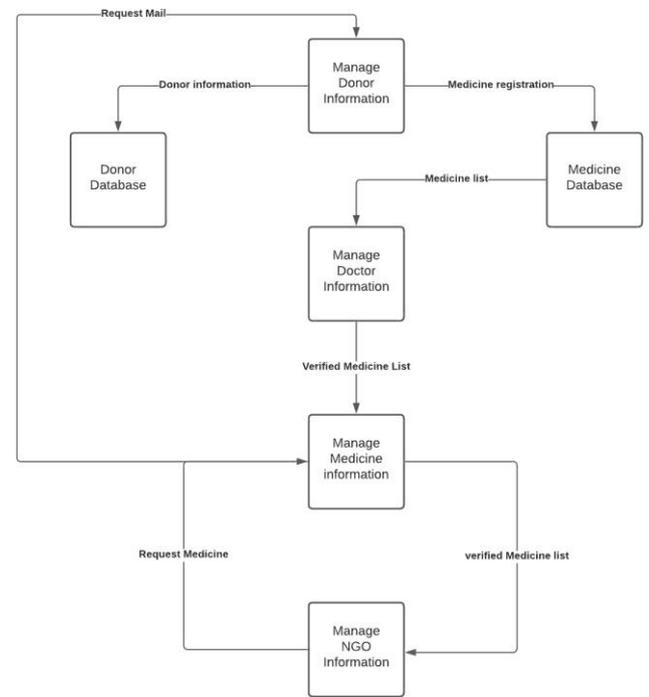


Fig.2 Data Flow

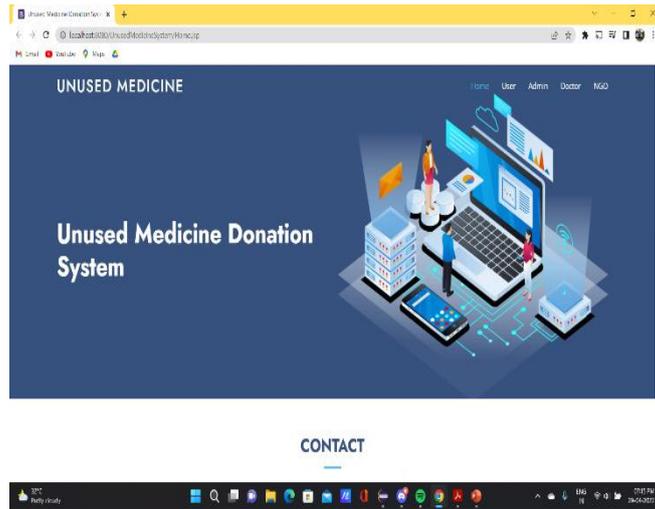


Fig. 3 Home Page

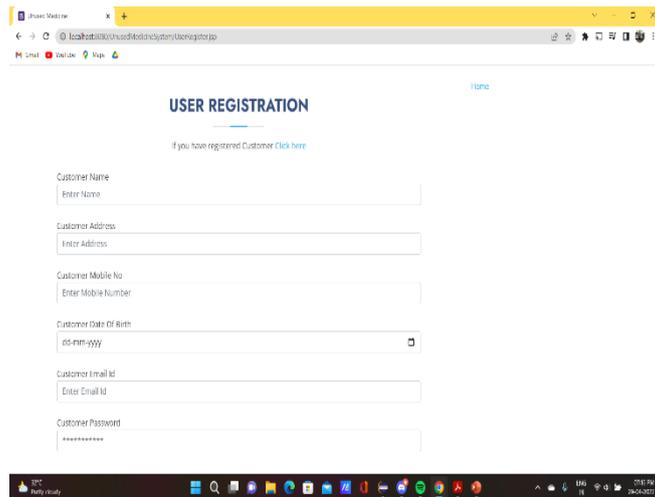


Fig. 4 User Registration Form

The screenshot shows a web browser window with the URL localhost:8080/doctorregistration. The page title is "DOCTOR REGISTRATION". Below the title, there is a link: "If you have registered Customer Click here". The form contains the following fields:

- Name: Enter Name
- Address: Enter Address
- Mobile No: Enter Mobile Number
- Date Of Birth: dd-mm-yyyy
- Email Id: Enter Email Id
- Password: Enter Password
- Qualification: (empty field)

Fig. 5 User Registration Form

The screenshot shows a web browser window with the URL localhost:8080/UnusedMedicineSystem/uploadMedicine.jsp. The page title is "UPLOAD UNUSED MEDICINE DETAILS". The form contains the following fields:

- Select type: Tablets
- Medicine Name: Enter Medicine Name
- Company Name: Enter Company Name
- Manufacturing Date: dd-mm-yyyy
- Expiry Date: dd-mm-yyyy
- Medicine MG: Enter Medicine MG
- Upload Image: (button)

Fig. 6 Unused Medicine Details Form

V. CONCLUSION

- Our portal is aimed at being available for users , with the latest features added at the moment.
- By having an easy navigation system for users, the portal will become friendly, which will also make the users comfortable for donating and receiving medicines from NGO's.

VI. FUTURE SCOPE

- This project or this online medicine donation portal in the future has the ability to become a full fledged application wherein all the facilities will be provided on this portal.
- In future, it can be expanded to provide treatment to user via video consultancy with doctors providing prescription upload feature.
- For better suggestions, we are merging all the medication facility like consultation, medicine donation, blood donation, etc. like facilities are part of the portal in future

VII. REFERENCES

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