Free Medicines to Poor and Needy People

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ABSTRACT

In this project, we plan to build a platform (Free Medicines to poor and needy) that is intended to serve as a network for distribution of medicines by individuals and NGO's to poor and needy patients .There would be a page for poor and needy patients to register and request medicines that will be made available by NGO's, philanthropic minded individuals and governmental agencies (social welfare department). This project aims to donate medical remedies. These remedies can be provided to the poor and needy people through the NGOs.

KEYWORDS: *Free medicines, NGO's, Donors, Donees*

1. INTRODUCTION

Medicines when donated with proper organization and proper control can save several lives and can ease the suffering of the poor and needy ones. The "FREE MEDICINE DONATION WEBSITE" acts as a connecting link between the donors and the NGOs. Considering the number of medicines goes wasted in a year donation of unused medicines seem a good way to get out of it. Some NGOs and Old age homes runs under the blessings of volunteers. They get funding when there come donations from such volunteers but not by any other ways. As the world is growing fast with the new technologies people are also adapting it. Online websites play a vital role in this. Where the user from there place can easily do the desired things. This website gives the user ease to donate voluntarily without going anywhere with just few clicks. As there are few such sites for medication donation but are not up to the standard and need more manual data treatments. We in future can overcome with such problems by various image processing technologies. By these technologies the website will be more user friendly. This interface helps donors donate their goods like unused medicine, ration, books, and clothes. Donees can register themselves and request for the required items, they need to add the BPL certificate or any other certificate of proof to authenticate themselves as minority. Admin will authenticate the donees after checking their details. NGO's can also register themselves and add the available items (medicine, books, clothes, ration, etc) in their portal.

The total items available (from donors and NGO's) are visible to Admin. Admin can assigns the required items to the needy accordingly.

The main focus of this project is to help the poor and needy, thus we have added the strict rules to authenticate the users in need, so that the donations reach the people who really can't afford the expense.

2. LITERATURE SURVEY

This website aims to provide the unused or left over medicines or items to the poor and the need ones. This site have collaborated with various NGOs through this site the NGOs will come to know about the client's gift. The clients can have full records of the donations made by them. About the Guidelines for medicine donations published by WHO: This 3rd edition of Guidelines for medicine donations has been

developed by the World Health Organization (WHO) in cooperation with major international firms active in charitable relief and development assistance. The guidelines are deliberated to improve the quality of medicine donations in international development assistance and emergency aid. Good unused medicine donation practice is of interest to both donors and receiver or the needy one. In May 1996 the 1st edition of the guidelines (then titled Guidelines for drug donations) was published and represented the consensus of WHO and a variety of international consolation and development firms. The 1st edition was based on several rounds of consultation with over 100 charitable organizations and experts. The 2nd edition of the guidelines was published in 1999. The 2nd edition received support from an expanded group which included service providing organizations (NGOs) in international development and umbrella organizations of the pharmaceutical industry, several United Nations firms and the World Bank. 3rd edition was published in 2011. Changes in this 3rd edition of the guidelines are based on a review of occurrence and comments received through an advising process.

3. PROPOSED SYSTEM

The main of this portal is to provide assistance and the required medicines to the people in need for free as not all people have the financial backing to afford expensive medicines. 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 for NGO's/Donees. The database and the structure of this portal will be reliable and co-ordinative.

4. OBJECTIVES

➢ The aim of this project is to arrange an effective system to create link with the NGOs using the upcoming information and communication technologies.

➢ This system will help the poor for getting proper medication and can save life.

➢ Consistent user interface with high economic features built into it.

➢ System design in modular and structured way so as to make the integration with other subsystems easier.

➢ User has complete control as it provides and accepts only appropriate and valid data.

➢ User-friendly error messages are provided wherever necessary.

➢ Addition, deletion, modification of records as when needed

5. RESEARCH METHODOLOGY

1. **PHP:** It is an open source, interpreted, and object-oriented scripting language that can be executed at the server is well suited for web development. PHP stands for Hypertext Pre-processors. PHP is an interpreted language, i.e. there is no need for compilation. PHP is more rapidly than other scripting languages, for examples side scripting language, which is used to manage the dynamic content of the website. PHP can be embedded into HTML. PHP is an object-oriented language. PHP is an open language. PHP 7.4.0 is the latest version of PHP, which was released on, 28 November.

2. **MySQL:** MySQL is currently the most general database management system software used for dealing the relationship database. It is open-source database software, which is maintained by Oracle Company. It is fast, accessible, and easy to use database management system in judgment with Microsoft SQL Server and Oracle Database. It is commonly used in conjunction with php scripts for creating powerful and dynamic server web-based enterprises applications.

3. **Sublime Text Editor 3:** It is a light weight, cross strong community support. It's an incredible editor right out of the box, but the real power comes from the ability to enhance its functionally using Package Sublime Te for its speed, ease of use, and strong community support . It is an incredible editor right out of the box, but the real power comes from the ability to enhance its functionality using Package C.

6. RESULTS

Online medicine donation helps us to create a better world. Many needy people will get cured. It supports crowd funding campaigns with one time donations. Many poor people who do not afford to buy their own medicines, with the help of this website people can get the treatment and medicines to cure the respective diseases.

7. SCREENSHOTS

FIG.1   **FIG.2**   **FIG.3**

Fig.1: It shows the admin login. Admins can log in to their registered account and check details of all the donors (persons or NGO's) and donees. Admin verifies the donees by checking their authentic certificates (uploaded by them) and then assigns the required items.
Admin checks the available stock they have (from donors and NGO's) and can contact the registered/authenticated users for the items.

Fig.2:It shows the donors login. Donors can be Philanthropists or NGO's. Donors register themselves and log in to their account. They can add the items to be donated. These items will be visible to admin.

Fig.3: It shows the donees login. Donees are needy and poor people who need the donation or charity. They have to register themselves and add their personal details and certificate for proof of minority. They can add their BPL Certificate or any certificate validated by authorized signatory. Donees who need medicines or money for their treatment need to add their prescription (of authorized hospital or doctor) at the time of registration. They can get the donation only when they are approved by the admin.

8. CONCLUSION AND FUTURE SCOPE

As in today's situation everyone literate - non literate, poor- rich, everyone is concern about his/her health. But the truth of sorrow is that a huge percent of the population cannot pay or afford expensive medicines if at all they are necessary for them. This website will create a bridge between the donor and the needy one by means of NGOs to help them with necessary required medication or remedies. This paper give the brief about the website and the design and development of it. This initiative will simply reduce wastage of the medication and will help the person who is in need and can also save lives of many people.

As future enhancements, site intends to have following pages/sections:

Doctor on Call (Free Counseling) – Service will enable availing a toll free number where patients can call doctor for medical counseling free of cost.

Crowd sourcing for Expensive Medical Treatment: Service will enable donations from individuals and organizations as part of CSR to pool in money so that poor and needy patients can have access to medical treatments (therapies, surgeries, diagnostics etc) that otherwise are out of budget for them. There will be financial integration through payment gateways and e-wallets so as to enable donators to extend financial support.

SMS Alerts: Service will spread awareness about any ongoing pandemic or disease outbreaks to the registered stakeholders.

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