Unused Medicine Donation System

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Abstract: *It is becoming challenging for the poor or low-income people to pay for their health. Thus, they are suffering from various diseases and as a result the death rate is increasing nowadays. On the other side, there are many people who have plenty of leftover medicines even after finishing those medicines consumption. In this paper, we have proposed a medicine distribution web portal. It is a platform for the donors who want to donate their unused medicines to the poor or low-income people who need those medicines. This system will contribute to reduce the cost for national health services by making the proper use of unused medicines; and to help the poor or low-income people to get better health services. The aim and object of this project is 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. After the collection of these medicines, they would be handed over to the NGOs which would check the medicines and then if approved will be given to the people directly or to the hospitals who will be giving out these medicines for free. The portal is highly effective, efficient, satisfiable and useful system.*

Keywords: Online Portal, Unused Medicine, NGOs, Donation, Collection, Internet.

I. INTRODUCTION

Being healthy should be part of your overall lifestyle. Nowadays people's concern regarding health issues has increasing fastly. For developing countries, healthcare is a fundamental need. Due to the scarcity of doctors and physicians, people of the developing countries have less access to health care services. Thus, health care is a very challenging in these countries. Bangladesh is one of the developing countries. Bangladesh has expanded the health service systems and infrastructure in the government and non-government sectors.

Due to these challenges, people living below the poverty line do not want to pay for health care purposes. Moreover "cost of the medicines" is a key concern for them; thus, they are unable to buy medicines

II. EXISTING SYSTEM

- The existing systems proposed asking the donor to check the expiry date of the medicines and ask them to avoid the medicines if they are near to their expiry after checking.
- The proposed system by using us it takes care of checking the medicines expiry date, all you have to do is donate and the proposed system is a portal, unlike some medicine donation apps they are android apps.
- This can be run on any system without the need for you to download the app.
- The existing system include many attributes like checking user validity, inventory control, -to-Receivers flow of donation, Doctor Consultations Modules, Drug Information and Education Forms these are for donors to help them to work easier.

III. PROPOSED SYSTEM

- The proposed system is developed using PHP and MYSQL. This is the web application.
- The main aim of this "Unused Medicine Donation System " 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.
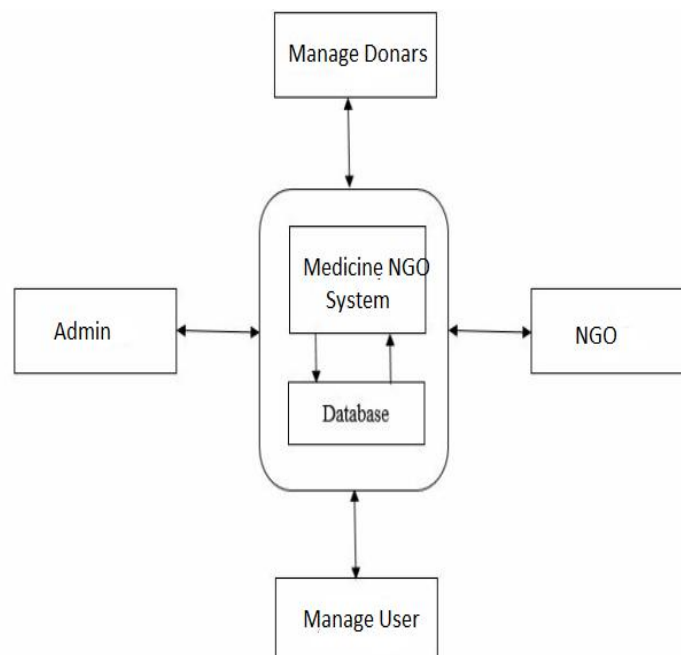
- By having an easy navigation system for users, the portal will become friendly, which will also make the users comfortable for donating and receiving medicines from NGOs.
- The database and the structure of this portal will be reliable and coordinative.
- Currently, we will be providing the services of login and registration to users and NGOs and the donation of medicines carried out in the moderation of admin.
- But, in the future, it can be expanded to provide treatment to the user via video consultation with doctors providing prescription upload features.
- It can be very beneficial to the user because as per the current situation of covid19 it is very important to follow governments rule and regulations.
- The feature of video consultancy with a doctor is the best option for the future scope for the system.

IV. SYSTEM ARCHITRCURE

System architecture is the theoretical model that definesthe structure, behavior, and more views of a system.

An architecture description is a formal description and representation of a system, organized in a way that supports reasoning about the structures and behaviors of the system.

This is the system architecture model that we will be focusing on. We will be executing all the modules in this architecture.

V. LITERATURE REVIEW

This part of the literature survey eventually presents some facts based on the study of many writers who work in this projecthere are various portals that donated the fund to support the health checkup as well as treatment costs for the poorest people - MESCO Social and Environmental Management Organization: Give India was established on 28 April 2000 with the assurance that equal opportunities are the cornerstone of civilization.

The diversified economy in India saw a growth rate of 7.3% in 2020-21 compared to 9.2 in 2021-22.India has also created a high rate of the most expensive people with a growth rate of 9.5% compared to the Asian growth rate of 7.5%and to date, 36% of less than five children in India are malnourished*, 51% of women of child bearing age are concerned about anemia* 33 million children do not go to school and work in various forms of child abuse.

This part of the literature study ultimately presents some facts based on the study of many writers who work in this project50 million Indians still face, and the problem of open evacuation due to the unavailability of sanitation facilities, and nearly 18,000 million villages in India still lack access to water storage facilities.
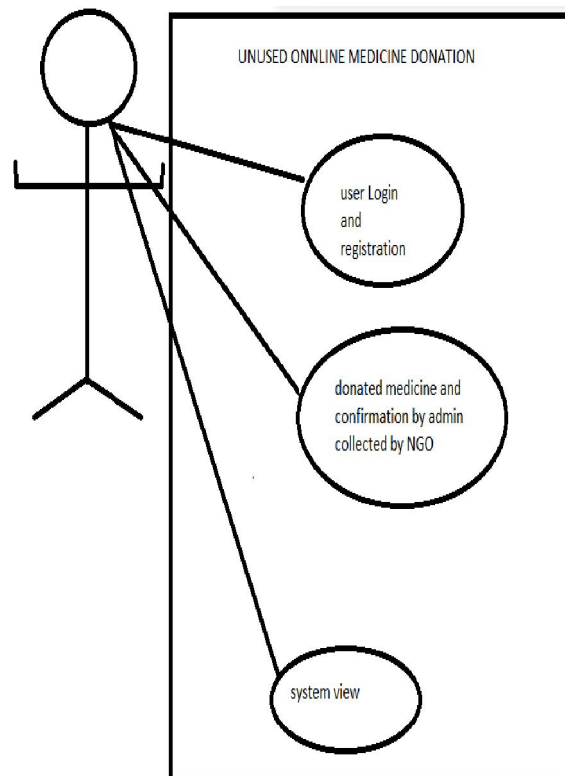
Give India the interest to change this diversity, 350 million Indians still face, and the problem of open evacuation due to the unavailability of sanitation facilities, and nearly 18,000 million villages in India still lack access to water storage facilities.

Give India the interest to change this diversity, they do this by bringing together people who wantto donate and organizations that work to make a difference.

The effects of poverty are many affect families for generations. Educating one generation or providing for income can help families reduce the cycle of birth defects.

VI. USE CASE DIAGRAM

A use case diagram at its simplest is a representation of a user's interaction with the system that shows the relationship between the user and the different use cases in which the user is

HARWARE REQUIREMENTS:
- Processor: Intel 3
- Ram: 4 GB
- Hard disk driver: 64GB

SOFTWARE REQUIREMENTS:
- Operating System: Microsoft Windows-7.
- Software Package: PHP, MySQL, XAMPP   Server

ADVANTAGES:

- It helps poor people for medication.
- It will help to maintain records of medicines.
- Many needy people will get cured

DISADVANTAGES:

- Requires Internet connection.
- User needs to put correct data

VII. CONCULSION

Medicine donation practices that have occurred previously during natural disasters and other emergency situation expose both the positive and detrimental effects donations can have on a recipient country.

Past experiences show that guidelines for the donation of medicines are both necessary and crucial to promoting efficient distribution, handling, and use of such products.

The principles outlined in the WHO guidelines for medicine donations are clear and concise, yet not particularly practical due to the omission of step-by-step, action-oriented instruction.

There are perspectives: -

1) from the user's perspective, these guidelines could include additional tools to facilitate the donation process engaged in by donors and recipients;

2) from the reader's perspective, the guidelines' structure could be reorganized to improve understanding and make information more digestible.

FUTURE SCOPE

This project or this online unused medicine donation system in the future has the ability to become a full-fledged application wherein all the facilities will be provided on this system.

In future, it can be expanded to provide treatment to users via video consultation with doctors providing prescription upload features.

It can be very beneficial to users because as per the current situation of covid19 it is very important to follow governments rule and regulations. The feature of video consultation with doctors is the very best option for future scope for the portal.

For better suggestions, we are merging all the medication facilities like consultation, medicine donation, blood donation, etc. like facilities that are part of the system in future.

So, in future, it can also become a commercial portal and app which will be unique in its nature and availability

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