

A First Project Proposal Report on

UNUSED MEDICINE DONATION

Submitted in Partial Fulfillment of the Requirements for
the Degree of **Bachelor of Engineering in Software**

Engineering under Pokhara University

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08/07/2022



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ABSTRACT

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 Social Organizations (REDCROSS, SCOUT) 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. There must be a log in for the User, Social Organization, admin. Admin can see all details of user donated medicine.

Keywords: Online Portal, Unused Medicine, Social Organizations and Donation

1.Introduction

Medications are a fundamental component in lightning, enduring and gifts of clinical supplies will incredibly profit worldwide helpful aid projects.

Modern era has begun. People both privileged or unprivileged, literate or illiterate are now conscious about their health. It is a matter of sorrow that being conscious poor people cannot pay much attention to their health care routine because of their low income. A donation of medication, when well organized and controlled, can solve the above-mentioned problems and have a very user-friendly website.

save lives and ease the suffering. Effective donation practices can provide savings in budgets for development support, so that these services can be used for other purposes.. The "Online UnusedMedicine

Donation System" serves as a bridge between an immense network of medication donations and Social Organizations (REDCROSS, SCOUT), Orphanage, OldAge house. A Social Organization is a non-income-driven organization autonomous of a country. They are usually sponsored by blessings, yet some completely avoid formal funding and are run by volunteers in essence. Users of smartphones have increased rapidly in the last one or two years and counting is still on. It has become very easy for users to use smartphones. As we realize there are many current donation sites for medicinal items, they are not up to the standards and require more manual data handling. We are developing new and upcoming image processing technologies to overcome this problem. With this technology we can solve all the

2.OBJECTIVE

General Objective of the project are :

The main aim of this "Unused Medicine Donation" 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.

Specific objectives:

I.To develop and development of website,which will be very effective and will bear great contribution to get the health services for these needy people,

II. Wastage of medicine gets reduce,

III.To develop and implement a credible and user-friendly system,

IV.Besides this,with the help of web-based tools,social organizations can be directly connected to the outer sources

3. PROBLEM STATEMENT

- To meet the increasing demand for improvements in the healthcare facilities & services we can utilize the power of internet technology & its wide network, by which people can help each other with just one click from their phone.
- The Medicine Donation system proposed here aims at providing an online platform for donating medicines or unused medicines to needy people. Users can register themselves on this system by submitting their necessary details. Once registered the users can donate the medicines by providing accurate medicine details to Social organizations.
- The system has the authority to block the users if they raise a request to donate expired medicines. The system will maintain a record of donated & available medicines. The users can raise a request to donate the medicines.

4.Significance of the study

The significance of the projects is to prepare a user-friendly website for the collection of the unused medicine for further utilization by needy persons. The website must be like a user can donate the unused medicine to civil society organizations.

- It offers an operational integration between an immense network of medication donations and Social Organizations (REDCROSS,SCOUT) ,Orphanage,OldAge house.
- Many poor people who do not afford to buy their own medicines,with help of this website people can get the treatment and medicines to cure the respective diseases.
- It has a facility to generate reports for analyzing how many unused medicines will be utilized.

5.SCOPE AND LIMITATIONS

The scope of this project is to provide all the information about the unused medicine in a single website.

- Give information about unused unexpired medicine. i.e. their Brand Name, Generic Name, Expiry Date.
- It is dynamic and user friendly.
- The authorized Social Organizations can register and retrieve unused medicines.

Although our projects seem to answer above scope but it has certain limitations.

The limitations Unused Medicine Donation system is

- ❖ Wrong inputs will affect the project outputs.
- ❖ Internet Connection is mandatory.
- ❖ It won't support languages like Spanish, Japanese etc.

6.Literature Study

Large-scale unused medicine initiatives are not immediately possible in resource-constrained countries like Nepal due to a multitude of factors such as lack of public awareness, monetary and regulatory reasons. So, this study aimed for the feasibility of the implementation of reuse of unused medicine concept in select Nepalese communities to make policymakers aware about its necessity and significance and focus on operational research (i.e., policy-based) in the future. Exploration of various constraints for the successful implementation of the concept was the primary perceived outcome of the present study. Sensitization of the concerned authorities to devise policies and initiate crucial steps to address the issue of haphazard medicine disposal in the local levels were the secondary outcomes.

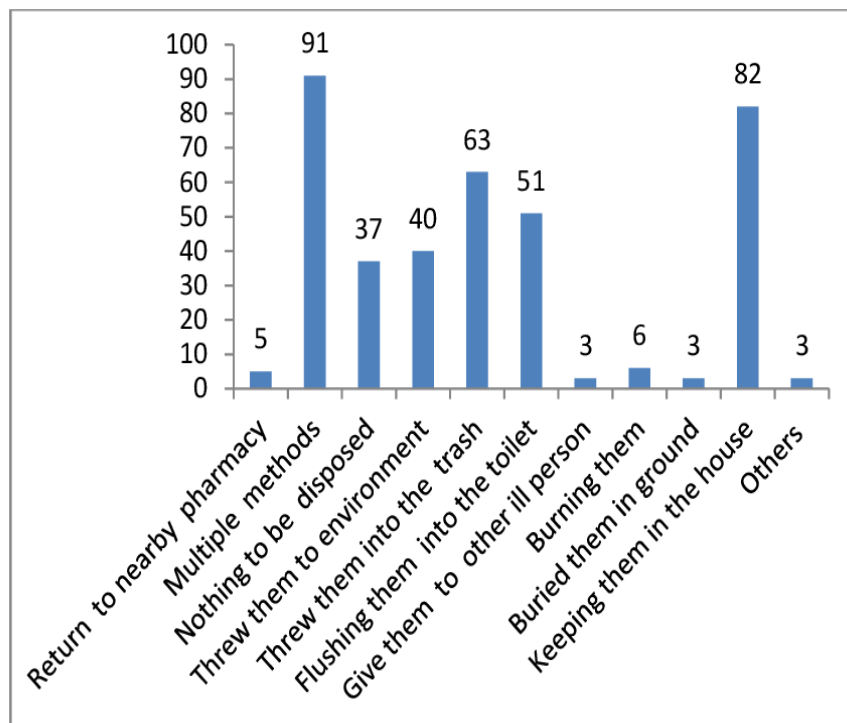


Fig. 1 Respondents Unused medicines disposing practice, N=384

7.METHODOLOGY

For this project, we have used the Incremental Model of Software Process Model. This model combines a linear sequential model with the iterative prototype model. The first increment is a “core product”. The plan addresses the modification of the core product to meet the needs of the customer and the delivery of additional features and functionality.

The process is repeated following the delivery of each increment, until the complete product is produced.

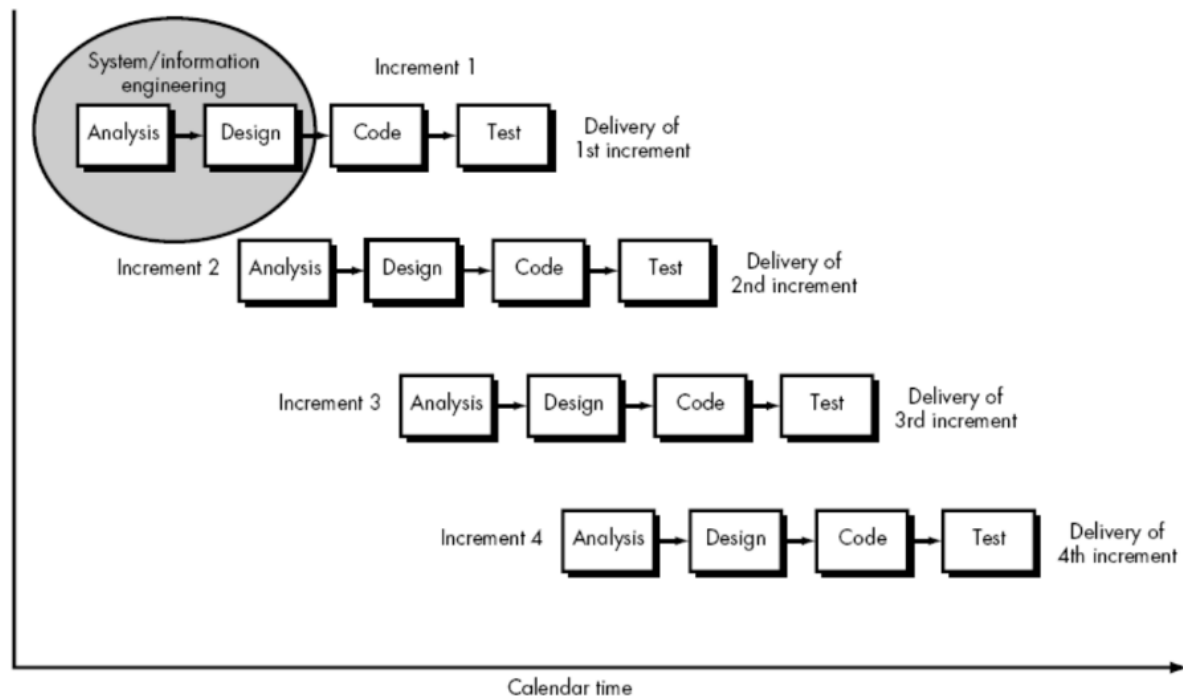


Fig.1: Incremental Model

Incremental model includes the following phases:

- **Analytic Phase-** In this phase, the requirements of the software was analyzed which resulted in “Software Requirement Specifications”.
- **Design Phase-** In this phase, analysis of the SRS was translated into the system’s design. Context Diagram, Use-Case Diagram, ER Diagram and Class Diagram were developed.
- **Coding Phase-** This phase involves the coding as per the design and formation of a working system at the end of the process.

- **Testing Phase-** In this phase, the system was tested. With each testing, certain changes were made as per the suggestion. This was done in an incremental manner until a satisfactory system was made.

8. Proposed Deliverable:

This project delivers a website which can run on any modern browsers like Brave, Google Chrome, Mozilla Firefox. and so on. This website can also run on any smartphone device. To run the full potential of this website.

9. PROJECT TASK AND TIME SCHEDULE

The ‘**UNUSED MEDICINE DONATION WEBSITE**’ will take around 8 weeks to develop. We will spend the beginning of our first week planning the project idea, analyzing the requirements and basic structure of the website to be developed. After this the development of the website will be done according to the requirements and discussion of team members. Most of the portion of the 5th week will be used in actual development of the website. At the beginning of the 6th week when all the coding and debugging will take place. Then, after the coding portion has been accomplished, the ending of the 7th week will be used to put together the entire project as well as final report. The following chart will represent the workflow .

	Week 1st	Week 2nd	Week 3rd	Week 4th	Week 5th	Week 6th	Week 7th	Week 8th
Requirement Elicitation								
Systematic Analysis								
Design								
Codding								
Testing & Debugging								
Documentation								

Distribution of Works:

<u>Name of Members</u>	<u>Work</u>
Sandip Nepali	Frontend
Rudra N. Pandey	Backend
Apsara B.k.	Proposal/Documentation

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