



IMPLEMENTATION OF WEBSITE FOR DONATION WITH CHATBOT

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Abstract. Basically, Reuse is the practice of using an item, The truth however is that many people have various items (cloths stationery, books, toys, food, etc.) dissimulating items found on every side of the house that they don't require it in further that can be useful to someone who is in require of it. Online websites are one of the most widely used operating systems in the world due to the prop up they offer to both users and developers: their ease of use and development and facilitation. This paper mainly put forward a website that connects people who are interested in donating their items (clothes stationery, books, toys, food, etc.) to those who might be in need. We have given our site name 'HELPING HANDS' safeguards that will securely set up the connectivity between the needy and the donors and enable them to get the items that they require from people that are done using them. This website will only cornerstone on used items, not on money. as well as for superstability chatbot has been enabled to solve general queries.

Keywords—*goods donation, donor website, Donation, used goods, Waste Utilization, Charity, Contribution, chatbot*

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1 Introduction

The World Wide Web (WWW) was created in 1989 by the British CERN physicist Berners-Lee. A website is a collection of linked web pages that shares a unique domain name. A website is not only used for business, but they are a source of information from different people around the world. a website can be viewed from many different perspectives and in this project, we are using two kinds of website i.e. click donate websites are those kinds that facilitate users to donate while not spending their money. On these websites donations are collected with the help of advertisements whose banners are being displayed on various sites when n user scrolls down through the website donations are collected.

Another type is crowd funding where small amounts of money are being collected from very large crowds or maximum number of people by various online sources. [1]

A website is made up using various types of technologies such as Html, CSS programming languages, web development frameworks,

libraries, databases, Java Script, PHP etc. are mainly used in designing a website

As it has been observed that there are many people around the globe who have waste or leftover material (are stationery, book, toys, bag, clothes) which is not useful for them and they are not just able to throw or can't utilize them .so with the connectivity of this website those people can connect themself with needy people and can donate their belongings to them via NGO's.

. The problem, however, is, many people want to donate their good but they don't have that time or knowledge to where to donate them. [3]

Chatbots are new business partners who are increasing use chatbots for automated task performance that doesn't require skill-based talents. With the help of a chatbot customer service can be taken place via messaging app as well as via phone calls

. As per the scenario use of chatbots is increasing in the organization for clear invites for users.[5]



The proposed project aims to put an end to creating space between the donors and the mankind who are required of that item with the help of the nearest located NGO'S. the person just has to collect their items book an appointment through the registered website and a person from that NGO will contact and pick up those items and will distribute them needy poor kids Appropriately named 'smart charity', the website will allow someone glance for those who are attentive in donating their

items i.e., the donors and the NGO'S. Also, users can specifically raise their general queries on chatbot system have an effective and quick responses.[2]

The paper is more distant, that's Segment I I.e. introduction, segment II I.e., related work, segment III i.e.. method and material segment IV are results and discussion, and the last segment discloses the Conclusion.

2 Literature review

PAPER TITLE	METHODOLOGY	RESULT
A Web and Mobile Based Approach to Redistribute Consumable Food Waste	Use of Redistribute Consumable Food Waste	The redistribution of consumable waste food, the main objective of this paper is to develop a web and mobile application to redistribute the waste food to the needy people in the society.
Developing a Reliable Service System of Charity Donation During the Covid-19 Outbreak	Use of Donation During the Covid-19 Outbreak	The paper thereby discusses the key technologies in terms of overall structure design, specific service sector, and functional design of the donation service system.
FinTech:Digital Communication platform to Ease the process of Funding to NGOs.	Donor confidence and thereby the number of donors, average donation size and frequency.	Lack of transparency and accountability on the part of NGOs and dramatically increases donor confidence and thereby the number of donors, average donation size and frequency.
Implement Android Application For Book Donation	Use of Android, mobile application, social service.	The proposed project attempts to eliminate this gap between the donors and the people in need of the books.
Voice Enabled Donation Box	Use of Artificial Intelligence and speech recognition.	When a person approaches or passes by the front of the box within a range of 90 cm, it outputs a verbal request, simulating a human voice.

3 Pre-processing

The main problems we are facing in our society that peoples are willing to take a step toward donations but with the current scenario they are scared of corruption and misuse of their money and also there are some people who wants to participate in donations but don't have that sufficient amount to donate, so with the help of

project people can easily step forward to donate their used goods to the needy.

The paper enhances the aim of solving the problems which are identified but have an unidentified solution. The major problem which is on target is donating and promoting reuse. This step formulates the problem's limitation and a solution for it. The identified solution



basically needs a proper direction for the betterment of mankind and society. So that research can take place in the right direction with the focus on better solutions. In this step, introductory data contribution is executed for the discovery of different tools and materials for the proper function of research and Implementation of website.[6]

In the approach of making an attempt to solve problems that have been pinned down, a website is implemented to provide a variable solution to the problem. Use case diagrams are basically a functional form which represents different function of system and who will be playing the lead roles Use case diagram stretch out the workflow of model.

Figs show the use case:

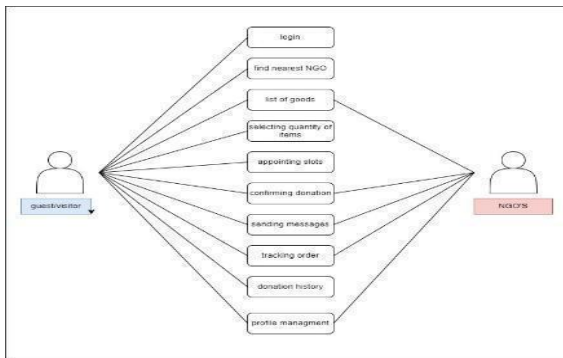


Figure 1: use case diagram for website

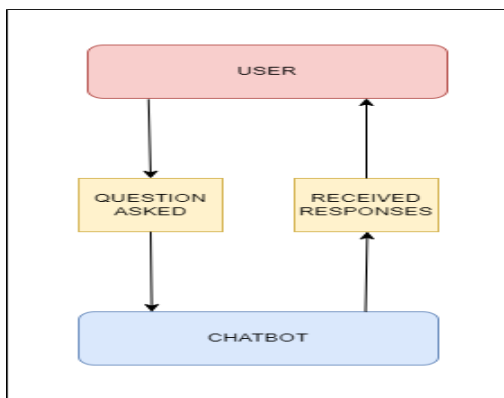


Figure 2: use case diagram for chatbot

The Internet is the new trend for all the media to explore and take themselves to the new platform. It is more relatable to traverse them to be a part of more opportunities and options. So as with the help of internet availability non-profit organizations take a chance to set themselves up online more to have better

gateways and internet can also help them to arrange large fundraising.



Figure 3: Benefits of smart charity

Benefits of helping hands:

- Economical
- Promotes reuse and recycle
- Step towards kindness
- Extended reach
- Personalized account
- Ease and convenient

Online raising donations can be used to extend the limitations. Creators can use various social and digital media platforms to encourage their donation schemes and can be able to excess the larger audience in a one go. Also, they can reach out to the audience by spreading their information over their events and can lead to more potential donors or attract new Once.

Accessing social media for advertisements can create a friendly environment for both users and uploaders so that it can provide better interaction and professionalism.[3]

Using online mediums can be simple and straightforward. Keeping donors on online mode can also be befitted as they can set up everything at their place even though they can interact with our various content on media.

4 Proposed Methodology

the proposed course of action is to create a website so that the donor (people who have items at their home and wants to donate them), can easily make an online connection with the nearest NGOs so that those who need goods can avail them the listed facilities of the site are as below:



1. MAIN SCREEN

Fig.1.shows the view of our main screen or welcome screen. it is provided with various tabs to present more facilities to donors. Different tabs are-

- About us
- Login/register
- Services
- Blog
- Contacts
- Chatbot



Figure 4: main screen

1.1 ABOUT US

Fig 1.2 describes a brief introduction about the management and their working facilities which they provide. Also, they describe the whole phenomena of working culture and their thought process of them on this project. About us tabs have various features such as how one can become a volunteer, how they can help someone without money, quick fund-raising etc.

1.2 SERVICES

This project is based on services they provide to the donors to easily reach the needy once and to help them in various forms without actually spending money. fig1.2 is viewing what are different services provided by this project.

1.3 LOGIN MENU

On this page, ie.fig.1.3 user is asked to enter their valid login user-id and password to approach the services.

2. TOOLS AND TECHNIQUES USED FOR THE PROJECT

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2.1 Hardware and Software Requirement

- Windows operating system (windows 10)
- Visual Studio Code (for coding)
- Minimum of 2GB of RAM
- Minimum 1.3 GHz processor
- Antivirus
- Scanner

2.2 Technology Used

o HTML

HTML is a web page describing language basically used to create web pages. It provides an opportunity for authors or creators to establish their online documentation with various features of headlines, titles, photos, tables. creators can also add up their hyperlinks to make their pages more attractive and informative.

o PYTHON 3.8

Python is a general-purpose programming language. Python language has an object-oriented approach. It facilitates their coders or programmers to have an effective, hassle free and clean code area for large and small projects. Also, python is a high-level language.

o SQL

SQL is defined as structured query language. It is basically used for programming relational databases to retrieve and manage data. There are two different types of languages used such that DML (data manipulation language) and DDL (data definition language).

o JAVASCRIPT

Java script is also a programming language but it's a text-based programming language which is basically used to make a web page more effective and interactive. It helps in the improvement of user interactions by giving a variety of options to explore the page. JavaScript helps in adding various behaviors in java script.

5 Result

In the result of this project or research, people who are willing to donate or help needy once can actually make a help to them.

This research will clear out the gap between donors and needy NGO who are waiting for shine of help.

In the face of result this project will mostly promote reuse, recycle and waste management also will promote people toward a gesture of humanity of help someone in need. This research will come forward with a motive of "helping others can be done without money also". and also, with "someone waste can be someone gold" with the inclusion of artificial intelligence chatbot user can easily access the bot and can clarify their queries.

Chatbot comes up with the benefits of facilitating users for seamless live communication, making an availability of 24/7 customer services also saves time and people to people interaction, basically at the end it provides the smoother customer journey and reduces stress for customers. Chatbots can be useful for introductory programs as they can easily answer simple queries and can be more informative. Chatbots are quick and responsive as they act as digital assistants. Chatbots' level of personalization can be increased or decreased as per the requirement.

here are displayed output as a result-

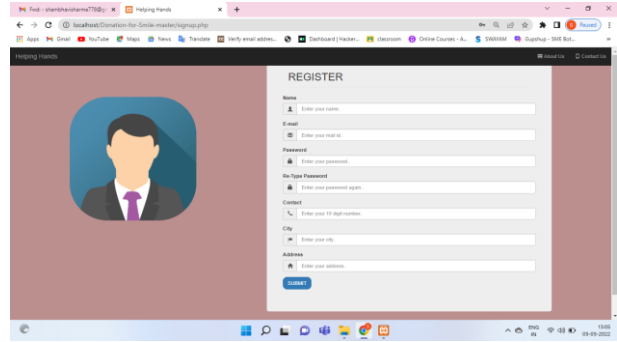


figure 5 : registration page

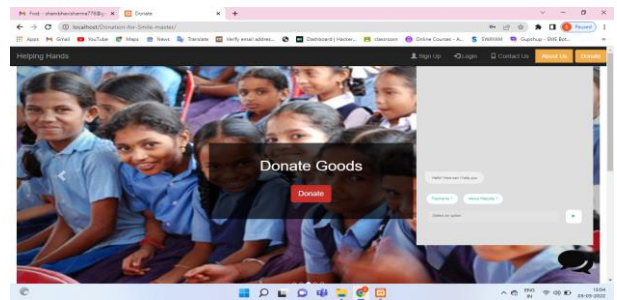


figure 6: chatbot operation

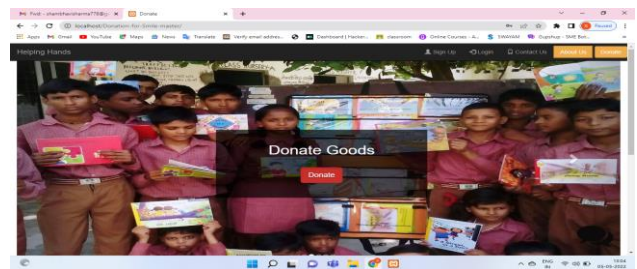


figure 7: front main screen view

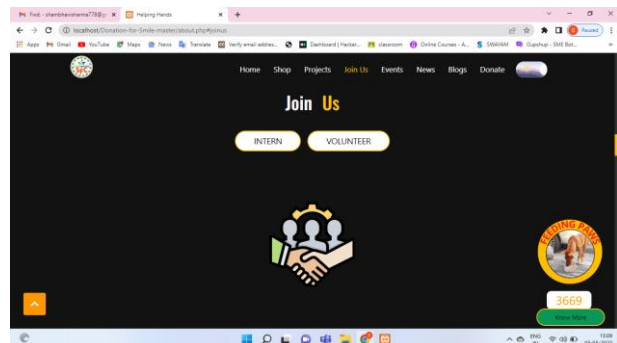


figure 8: interactive joining forum

6 Conclusion

The paper mainly purposes a website that will make a connective bridge around the globe between the people who are captivating to donate and the ones who are in need of it. Donating items can be anything which they feel



can be reused such as books, toys, stationery clothes etc. We named this website 'HELPING HAND' to make it more generous and sorted. This website will only focus on used items not on money.[4]

The project ends by making a venture to exclude this gap difference between the donors and the people in need of that item with the help of the nearest located NGO'S. a person just has to collect their items and have to book an appointment through the registration website and a person from that Ngo will contact and pick up those items and will distribute them to needy poor kids Appropriately named 'smart charity', the website will allow NGO'S to look for those who are interested in donating their items i.e., the donors and the NGO'S Also, the website will be enabled with the facility of email verification and chatbot.

Chatbot is specifically used to facilitate users to responsively get response for their general query. Hence this project will be on good terms to help NGOs for their betterment of beneficiary and basic need.

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