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Sharing is Caring – Charitable Trust Website

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ABSTRACT: This study work broadly summarises the conditioning carried out in the design and implementation of the Web-based charity operation system. This charitable activity is a non-profit organization-wide system where non-governmental organizations and benefactors can come and request and contribute funds and gadgetry such as clothing, food, and so on. These objects include creating an online payment system, a login and registration system for runners, appointment accommodations, enabling donors to interact with charities, and allowing them to go through the backing and another donation system.. The design was also built to fantasize the achievement of these points by utilizing Uml Modeling Dialect plates, Entity Relation illustration, and a Data Flow Diagram. The methodology was used for the development of this design in the perpetration section of this design.

KEYWORDS: Charity, helping hands, organization, donation, membership, ration.

I. INTRODUCTION

A charitable foundation is the act of assisting those in need. It's a charitable gesture. It entails giving plutocrats, goods, or time and effort to those in need. This is done without expecting anything in return. Giving capitalist or food to the poor is an example of charity. People who are poor, sick, or injured are generally regarded as deserving of charity. When people like them are endorsed, they feel fortunate. The wealthy and people all over the world want to help the poor in some way. Creating a platform in one location encourages benefactors to give while also assisting the charitable trust in managing the charges.

II. RELATED WORK

Abhishek Bhati and Ruth K. Hansen published a research paper, [1] "Documentary Review of Trial Fundraising Studies of ". This article amplifies past written surveys focusing on fundraising pledges and tools for persuading charitable donations. Here, in this article, they conducted a review of several studies that help us understand fundraising by looking at a total of 187 articles published in 83 journals from different disciplines. The meta-analysis finds, placing them in a structure that highlights the duality of donor motivations and fundraising practices. Here, they categorize fundraising studies into two main themes: Donor Experiences, Interests, and Motivations: There are many articles on prosocial behavior. Here, we've outlined these topics by focusing on those that tend to

be voluntary cash donations to charity. This segment is divided into three supporting segments that reflect the most important themes: (a) Charity, Charity Values, and Warm Lights; (b) notoriety and social weight; and (c) performance and value. Fundraising Techniques and Practices: Fundraising techniques studies can range from reviewing a claim to an organization to observing donor behaviors such as supporting or estimating donation. In this area, we combined three important categories both in the empirical literature collected and in fundraising practice: (a) the use of images and messages; (b) requested amount; and (c) fundraising opportunities: play areas, swimming pools, and walks/runs. plate. Typically, most tests focus on fundraising activities and methods that focus on donor feedback, with the goal of increasing the amount given to charity. Study design choices are sometimes oddly contradictory to those of donor inspiration studies, which seems to indicate that the choices made by donors are uncompromisingly consistent. matches their values, inclinations, and personalities and has a strong connection to the charity or cause, resulting in more value of choice than an occasional or imminent donor. Our project also focuses more on the experiences, interests, and motivations of the sponsors, as we provide.

Hongke Zhao, Bin BinJin, Qi Liu et al.[2] proposed a research paper, IEEE Transaction on Knowledge and Data Engineering as "Voice of Charity: Prospecting the Donation Recurrence & Donor Retention in Crowdfunding". This study is primarily concerned with online donation-based crowdfunding. Crowdfunding involves asking for little monetary donations from crowd benefactors to help others with problems or dreams. In this study, they discuss a critical issue for crowdfunding stages as well as traditional charities: high donor attrition, which occurs when many donors give only once or a few times during a short lifecycle and then leave. They concentrate on two types of behavioural occurrences in this study: contribution repetition and benefactor retention (whether she will remain on the crowdfunding stage until a future. In any case, due to multiple space and specialised obstacles, such as the diverse impact, the relevance of the two types of occurrences, and the censoring phenomena of maintenance records, this topic has not been thoroughly examined. They present a concentrated study on donation repetition and benefactor maintenance using large-scale behavioral data acquired through crowdfunding in this publication. This research offers a Joint Deep Survival model, or JDS, that may coordinate different features, such as benefactor motives and social relationships, to mutually display donation repetition and benefactor maintenance, which are both extremely essential behavioral events. In addition, by arranging numerous novel constraints and merging them into objective capacities, this study illustrates the filtering phenomenon and dependency links of various behaviors from the survival investigation perspective. Finally, they use the large-scale data obtained to execute extensive evaluation and approval tests. The test shows that our proposed models for analyzing and anticipating donation repetition and benefactor maintenance in crowdfunding are adequate. The proposed model primarily addresses the checking of donation recurrence and the maintenance of crowdfunding, whereas our concept addresses not only monetary donations but also food donations, among other things.

Hai-Ying, Pei-wu Dong, Tao Ma proposed a research paper, [3] as "Exploring Donors' Online Charity Adoption Base on Trust on Information Adoption Process". Within the data handling hypothesis, this research provides a model of trust arrangement in online charity data. With the expansion of digital technologies in the standard of living, most donors now prefer to donate online. The Internet was designed to be a significant tool for disseminating charitable information. The proposed model in this research theorises confidence as a product of auxiliary data quality and data source expertise. Users' online proficiency capacity directs this interaction, which also plays a key role in data security. In general, the findings will shed light on considerable variations in trust and show the critical but distinct roles that data quality, source expertise, and a donor's internet proficiency aptitude play in determining whether or not to believe online charity data. Our project "Sharing Is Caring" further emphasises the importance of donor trust by delivering donor acknowledgement, E-certificates, and receipts.

Reza Mauliadi, Maya R. A. Setyautami, IisAfriyanti, et al.[4] proposed a research paper, on 23rd and 24th October 2017 as "A platform for charities system generation with the SPL approach". On January 25, 2018, this paper was added to IEEE Xplore. It's difficult to provide one-size-fits-all open source apps due to the inconstancy of businesses. So, with Software Product Lines (SPL) as its strategy to dealing with charity concerns, this study seeks to establish a flexible framework for many charity organisations in a single upgrade. Many small businesses are extremely busy, but they still require trained personnel to provide IT support. They propose a stage for creating charity frameworks with ABS as the core design to support SPL in this research. We demonstrate how the framework generates the items. In any event, the framework lacks a wide range of UI/UX options. Our project "Sharing Is Caring" aims to establish a single-application-fit website where we can handle all charity activities in one location without having to use any other software.

Chung-wen hsu, Yu-linchang, Tzer-shyongchenet al.[5] proposed a research paper “Who Donates on Line? Segmentation Analysis and Marketing Strategies Based on Machine Learning for Online Charitable Donations in Taiwan” . This study describes how the growth of a nonprofit organization faces stiff competition from other organizations. Using a sophisticated clustering method, this study examined online benefactor characteristics in Taiwan. They gathered data on about 14,029 gifts from 7,232 Benefactors. Women contributed more to this venture than males did. There was a distinction in devotion to society in this inquiry. Sharing is Caring", the extension will persuade the benefactor, which can lead to a gift by both men and women at nearly the same rate, by providing additional benefits from our location in the form of coins, certificates, rewards, and so on. Additionally, our site primarily isolates the organization based on certain needs required by an organization, which can lead to the overall improvement of the organization

Hanyang Wu and Xianchen Zhu,[6] proposed a research paper “Developing a Reliable Service System of Charity Donation During the Covid-19 Outbreak”. This paper envisions the possibilities and unshakable commitment to blockchain innovation based on its valuable properties. Quality of building a blockchain-based charity contribution benefit framework in response to the complicated benefit requests faced by charity managers as a result of the Covid-19 outbreak .This article focuses on the use of blockchain technology as a foundational information book. Charity contribution financing and fabric assignment, as well as data discharge and security, are all common sense difficulties. Organization self- management, charity contribution organization, and sharing In this approach, the paper evaluates the most significant advancements in terms of the overall structure plan, specific benefit section, and a good contribution strategy.

Ajay Manohar Ingle, Ankur Singh, Pooja Gopal Rathod, et al.[7] proposed a research paper “Charity Platform for Social Welfare”. This paper includes private persons, hospitals, education foundations, eateries, and other organisations that can help people, such as midway houses, elder homes, and societies that help needy people with their leftovers, are all mentioned in this document. This website is for anyone who needs to donate unwanted stuff. Anyone who needs to provide something must immediately transfer points of interest. Anyone who needs to provide something must immediately transfer points of interest. According to the paper's nuanced aspects, it will send a vehicle to collect the stack and distribute it to those in need, or donors can go to the donation site themselves by calling the relevant NGO. As a result, people will assist and contribute to the community. This study focuses solely on delivering the items that are left over.They don't offer any online transactions for donors who want to help the less fortunate. There is also adequate aid for financial transactions, as well as assurances that goods or items are provided to the needy in a timely way. We acquired some new ideas and concepts for improving our project after reading this paper's literature review. We provide all of the charities' contact information and details to the donors in our project. It serves as a forum for both charitable organizations and donors.

Shubham Singh ,SatvikMaheswari, Shiv Kumar,et al.[8] proposed a research paper “get a bite” It is a charitable application that allows people to donate food, books, and clothing to those in need. The paper details the sharp increase in how much food waste creates the need for a noble cause in terms of the gift. In this day and age, an enormous amount of food is squandered on a regular basis in our homes, weddings and parties, and numerous other places. Many people physically donate food, clothing, books, and other items by travelling to better places on their own to address the crisis of hunger in our country, as well as food waste. To aid us in developing an internet application that will allow people to donate their extras, such as books and clothing, as well as people who are hungry, to acquire something to satisfy their empty stomach. This stage will be extremely beneficial in preventing food waste, and individuals can also join us as volunteers who can distribute food in their neighbourhood. The article describes how we would establish an organisation with non-governmental organisations (NGOs) to assist us in providing food, clothing, and literature to one group of people.In this framework, there are four modules: administrator, non-governmental organizations (NGOs), volunteers, and outsiders enrolled with the administrator, such as clients, lodgings, and cafes. Any individual or organization attempting to give food through this application will make a new request to the administrator, who will grant the request as soon as possible. This document discusses food, clothing, and other types of donations. However, this paper does not confirm the charity organizations. Donors to our project have a variety of ways to contribute.

IV. METHODOLOGY

- At first, Home Page will be presented in front of the user/Donor.
- Then User can view
 - About Us(top)
 - Newsletter(middle)
 - Login/Sign up(bottom) Through which users will be given the option to either Login / Sign Up.
- 1. If the user selects the Login option they may have to enter Name, Phone Number which will be authenticated using the OTP verification method.
- 2. Else if they select Login option the user may have to enter Phone Number which will be verified using OTP verification method which will be redirected to Login page. Once after user logs in the page they may have to choose any given options
 - a) Share your Happy Moments.
 - b) Ration.
 - c) Donation(money).
 - d) Membership.
 - e) Private message.
- When the user selects options a, b, c, d. The charity organization which are the clients of this website get segregated based on the requirement. The user may have to fill the form according to the option chosen and there will be a separate gateway to do any kind of payment.
- For any kind of action performed, acknowledgment will be sent from the organization.
- If a user is a member then the user will avail extra benefits in form of coins and certification.
- If a person wants to avail of membership they can choose weekly /monthly/yearly donation in the form of money where a person will receive reminders based on the membership chosen.
- If a user wants to send any kind of private message to an organization user can send it. The page will be redirected to Thank you page.
- After successfully submitting/completing all the procedures, the user will get congratulatory message and also unlocking of certification or coins and rewards takes place.
- At the end of every page user will be given option to redirect back to Home page.

V. EXPERIMENTAL RESULTS

The below figures show the results of sharing is caring-charitable trust website. Fig 1 is the home page which provides information such as services, blog posts of the organization, redirection to registration/login page. Fig 2 briefs out about the services. Fig 3 displays blog post of the organization. Fig 4 lets the user to register himself/herself as a donor. Fig 5 After user completes registration he/she can login to the page and get the services. Fig 6 welcome page after users logins in.

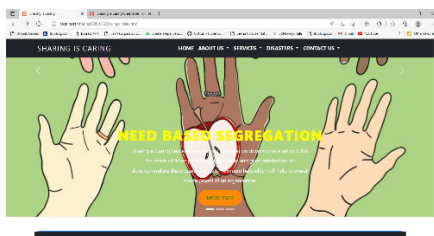


Fig 1.Home Page

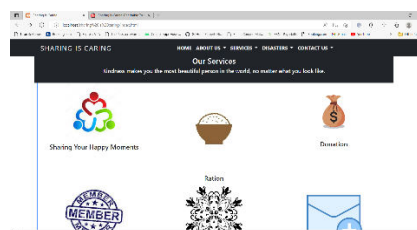


Fig 2.Services



Fig 3.Organization Blog

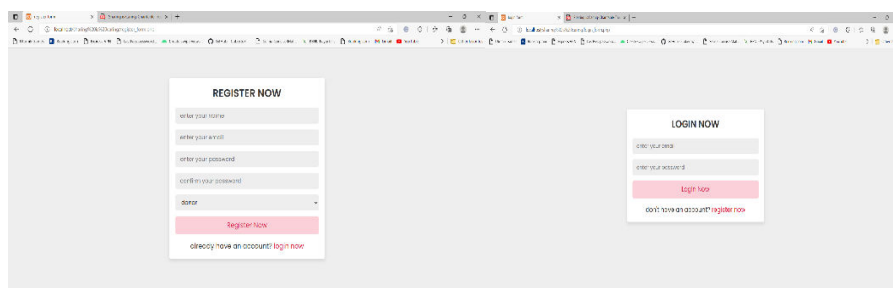


Fig 4.Register Page

Fig5.Login Page

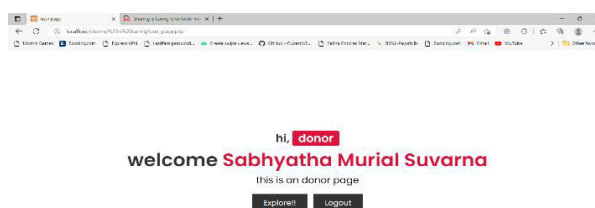


Fig 6.Welcome Page

VI. CONCLUSION

This project is a web-based charity management system that helps organizations that are in need of donors. This is a web application that will be of optimal help for the organization to grow faster. The major functionalities like coins, rewards, and certification will be implemented which motivates donors to perform more tasks which will indeed help the organization. It can be used by anyone to help and understand different charitable trusts available and brief information about the trust. The purpose of this project is to motivate the Charity Management system to rely mainly on technology. So that it will be easy to publicize and communicate with donors which will be handled by the admin to avoid scams or any kind of illegal activities. The application is user-friendly for donors. It is very useful during pandemic situations and also it reduces time complexity. The donors can donate to the needy whenever they wish to do so

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