



# DO-NET

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**Abstract:** The usage of mobile applications for charitable donations via connecting to several reputable NGOs is discussed in this study. The idea behind having a mobile app for giving to different NGOs is to make a person utilise the app effectively and to allow them to efficiently and successfully give money or commodities. A separate NGO website or the provision of their Account number or as such has replaced individual donations. As a result, these mobile applications turn a lot of laborious effort into intelligent work. An individual can fulfil any needs and provide money, food, clothing, and other items via the app. By using API software, one may locate NGOs in their area without having to search through numerous individual websites or contact details. In those days, individuals. Mobile donation apps have become increasingly popular in recent years due to their convenience and accessibility. These apps allow users to donate to a variety of social welfare causes, such as poverty alleviation, disaster relief, education, healthcare, and environmental conservation, among others. One of the advantages of using mobile donation apps is that they provide a simple and user-friendly interface for making donations. Users can easily navigate through the app to find a cause that resonates with them and donate using a variety of payment options, such as credit cards, PayPal, or mobile wallets.

**Keywords:** Mobile Application, NGOs, Online Donation, Welfare.

Another advantage of mobile donation apps is that they often provide real-time updates on the impact of donations. Users can track the progress of their donations and see how their contributions are making a difference in people's lives. This feature can help build trust and transparency between NGOs and donors and encourage continued support for social welfare causes.

## I. INTRODUCTION

People use mobile devices in the current world to handle everything from booking a trip to making hotel reservations. If any company doesn't, they're actually losing out on a sizable possibility if they don't have a website or a mobile application created for the users. A mobile application is a fantastic chance for NGOs or other charitable organisations to expand or intensify their work. The creation of a mobile application allowing donors to donate more would aid in boosting donations more quickly.

Mobile applications are continually evolving and changing drastically. We can see that technology is displacing every manual process and every activity we perform. The minimal hardware required to develop these apps was typically found to People had their own personal computers or laptops in the era of software, which may Build webpages and use them. Before a certain point, individuals visited websites in cyber cafés. People gradually began purchasing laptops and PCs, but the quantity stayed the same low in terms of population. Following the invention of mobile phones—portable computers—both the number of individuals who acquired mobile phones and the number of people who could use them increased significantly.

Today, it's clear that people of all ages are learning how to use mobile applications effectively and efficiently. We might say that the user-friendliness and compactness of mobile applications are reasons why more consumers select them. As a result, many developers have switched to creating mobile applications. In today's world, mobile devices are used for everything from booking trips to making hotel reservations.



Non-governmental organizations (NGOs) and other charitable organizations can benefit from the use of mobile applications to expand or intensify their work. A mobile application that allows donors to donate easily and quickly can increase donations and support for social welfare causes.

Mobile technology is continually evolving, and mobile applications are becoming more prevalent in our daily lives. With the increasing accessibility of mobile devices, individuals of all ages are learning to use mobile applications effectively and efficiently. The user-friendliness and compactness of mobile applications are reasons why more consumers are choosing them over traditional desktop or laptop computers.

Therefore, it is crucial for NGOs and other charitable organizations to have a mobile application that allows users to donate easily and quickly. This will help them reach a wider audience, expand their donor base, and ultimately increase support for social welfare causes. As mobile technology continues to evolve, the use of mobile applications will become increasingly important for the success of NGOs and charitable organizations[4].

## II. HISTORY AND DEVELOPMENT OF NGOS

Only during the middle of the nineteenth century did NGOs come into existence, and it wasn't until the United Nations officially recognised their significance until the late nineteenth century. Around 1850, more than 50,000 non-private, private organisations were established. Only after the Second World War did NGOs begin to establish or grow in order to advance society and wellbeing [2]. When the state or the government fails to fulfil donations, NGOs play a critical role in today's world in improving conditions. NGOs receive money from those who want to donate, not from the government or other organisations. NGOs were very benevolent that they did not bother about their wealth but in turn they utilized their wealth for a meaningful purpose to build a good life and bring happiness in lives of the people.

## III. VIEW OF LITERATURE

Roger B (2008) the author is of the opinion that the time span of the donors donating to charitable organizations is endless. He also anticipates that the donors were not only creating value to the organization but also it built a feeling of satisfaction or it made them happy by donating to the people who are in need of essentials[2].

W Chen and Travis G (2013) The author studies the pattern of mobile usage regarding donation applications. He studies the different aspects of age, class of an individual, caste etc. in regards to mobile application for donations. He states that the rise of mobile applications for donation has raised familiarity due to the natural calamity happening in America. It resulted that people found it comfortable and useful in donating through mobile applications in times of difficulty. Thus, donors were satisfied by the gift of thankfulness by the people who were in demand or need[6].

B.Choi and M. Kim (2016) the author states that mobile applications have developed increasingly and transformed into easy and convenient usage for the users into their daily works of living. He also states that mobile applications for charitable donations have become the main factor that influence people to use the mobile application and the results of this paper showed that the people have a positive impact on the usage of the mobile applications. Yi-Ru R Chen (2017) In this paper the author reveals that the millennial, people born in between 1980 to 1985 trusts the charitable organizations which have a higher ratio of people donating in the particular NGOs. Also, he states that according to the survey collected online, the millennial are encouraged by the endorsement by the celebrities, easy process of payment without any hassle or any difficulty while donating through mobile applications.

S Choi, H Kim, M Chung and S Y Lee (2018) In this paper, the author states that the millennial donate fewer than the older generation. He states that the millennial can donate more only by online donations by bringing awareness and encouraging them. He is of the opinion that according to the survey collected from the people, he concludes that the percentage of donations for charitable organizations can increase in future by online applications[8].

Pradnya B and Dr. S.D (2019) The author highlights the mobile application in which it offers the user to know the exact time of a product or any resources it reaches to the end users. In modern times people are busy and find it difficult to balance their work life in which they forget to do the important tasks. Due to their busy schedule, they often forget the task and they recall the job after they reach the location. And in the midst of their busy schedule returning back to the desired location and completing the job is a huge time waste and waste of money. The author suggests that reminders given in a timely manner can decrease the chance of time waste as well as money and one can perform the task on their location and time for what they wish for. Hence reduces the frustration of forgetting and also reduces the loss of time. Getting everything done on the tip of the finger will ease and bring satisfaction to the user[5].



Su Mon1, Yao Cheng1 and Abdul Samad (2020) in this paper, the author brings out the opinion of individuals' behaviour towards donation applications on mobile devices and also charitable donations. Both the systems were analysed and found that the mobile donation application attained the target of the study.

Shubham B, Rahul R, Karan G, Prof. Raut (2021) In this paper, the author reveals that NGOs play a significant role in the welfare of the society, since there are non-profit organizations, they fall short of resources required for actual donations. He also states that in order to save the NGOs, a creative way is implemented namely mobile application for donation which can help the needy individual or an organization.

D H Kim and B Y Kim (2021) the author highlights that the traditional way of donating is being replaced by the online mobile application method. He also suggests that there is a lack of online donation apps or there is not enough marketing done for such platforms. The author is of the opinion that if there is enough marketing and awareness done among people as the exact same manner done to other applications it could reach too many people and could bring happiness to others as well.

Bella F and M Awad (2021) the authors are of the opinion that the NGOs directly influence the millennial through social media for donations. He also suggests the three motivation theories i.e., entertainment, social norms and subjective norms have engaged the millennial to NGOs in a positive manner. The author concludes that the engagement of millennial with NGOs is essential as it benefits the person who is needy as well as the organization. Hence it is seen that millennial play a major role in this study.

#### IV. CONCEPTUAL FRAMEWORK

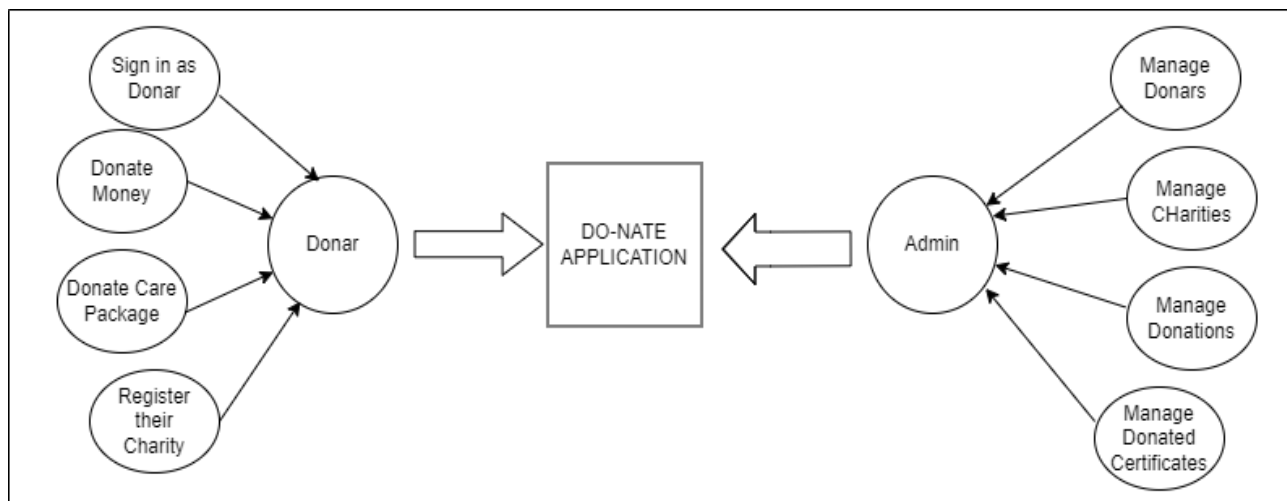
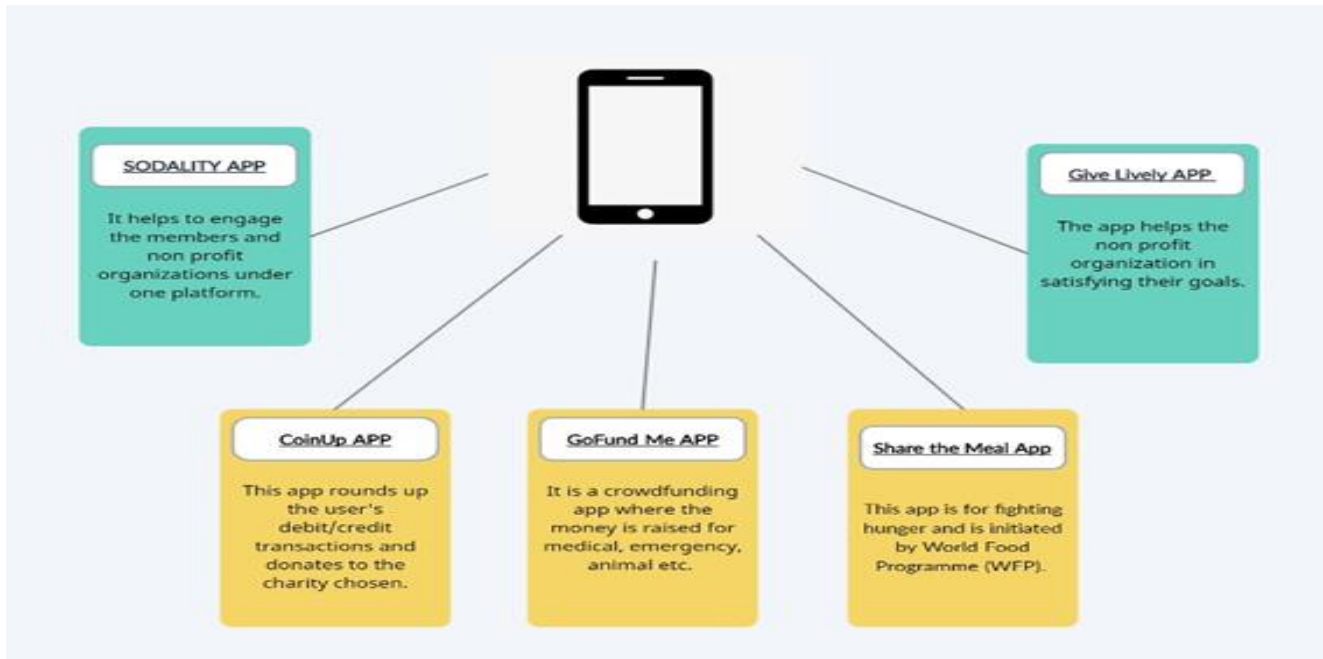


Figure 1: Use case Diagram

The interaction between a donor and an administrator with the application is shown in Figure 1. A donor acting as the user must register by entering all the necessary information into the system. The donor can log in to the system and manage their activity after enrolling, as shown in Figure 1. The donor could, for instance, send money or a care package that is mentioned in the system. Then, under a single platform, the charitable organisations can conveniently collect the donated products as indicated in the location.

The system also notifies the user or a donor with a reward point once the task is finished and saves all donations and orders in the database. When it is logged into the system, the administrator can keep track of the progress. The administrator can select and monitor using three buttons. The first button allowed the administrator to see or manage contributors, the second button let them see or control charities, and the final button let them see or manage gifts.



**Figure 2: List of Mobile Application for Donations**

Figure 2 shows us the most popular contribution applications. Today, everything has a purpose, even charitable giving. Through a single window, these tools make it simple to donate money and assist non-profit organisations in expanding and fulfilling their purposes. With the advent of smartphones, individuals may now interact easily with several non-profit organisations. The USP of these apps is that they provide distinctive or original ways to give and assist users in fully comprehending social responsibility.

## V. CONCLUSION

In conclusion, the main aim of this paper is to find a way for promoting social welfare on a large scale with the help of an application and make basic things available for underprivileged people or to charitable organizations under a single platform. It will help to eradicate many problems of the unfortunate people and will give satisfaction and bring joy. Mobile application for donation will help to link between NGOs and the donors. It will allow the donors to choose NGOs as per their requirement in an easy way. Thus, it will help the NGOs to develop further with the help of a mobile application. Mobile applications for donations should be taken seriously and must spread across at large to make the world blossom in the coming future by making the needy people prosperous and happy. Many of the folks are not aware about the various initiatives taken by the NGOs to help the community and many of them feel happy to donate, but with the help of the application it can clear all such problems and help make their life simpler.

The aim of this paper is to promote social welfare on a large scale through a mobile application that provides a single platform for basic necessities and charitable organizations. This application will help eradicate problems faced by underprivileged individuals and bring satisfaction and joy. The mobile application will link donors and NGOs, allowing donors to easily choose an NGO based on their requirements. This will help NGOs develop further and increase their impact. The use of mobile applications for donations is essential for making the world a better place by helping those in need. The application will simplify the process of donating and increase awareness about the various initiatives taken by NGOs to help the community. The use of a mobile application for donations is an important step towards making the lives of the needy simpler and more prosperous. The use of such applications can simplify the donation process, make it more accessible, and create awareness about charitable initiatives. The technology used in mobile applications is constantly evolving, and this presents new opportunities for NGOs and charitable organizations to expand their reach and impact. Therefore, the adoption of mobile applications for charitable donations should be encouraged and promoted on a large scale.

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