**Report on Project Feasibility Analysis**

**of**

**Donors Choose**

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# 1. Problem Definition

## 1.1 Problem Statement

The current system of donations relies heavily on monetary donations. However, this is not feasible for a lot of people and fails to recognize the benefits of an organized approach to providing a platform for non-monetary donations. This results in most non-monetary donations being circulated in the donors immediate surroundings only, depriving people who may need them more.

Additionally, having no common, trustworthy platform for charities results in people feeling overwhelmed with the huge number of different charities and the wide variety of their work. It can be difficult to navigate through the different donation processes while also attempting to verify reliability by themselves.

## 1.2 Issues

|  |  |
| --- | --- |
| **Issues** | **Weight** |
| Finding charities that provide specific services like collection of food or clothing is a difficult and messy process | 10 |
| Difficult to figure out which charities are doing the most work during crises and how to best help them | 9 |
| Many different ways to donate to different charities and figuring this out can be time consuming and overwhelming | 8 |
| Information regarding charities is spread out over individual websites and social media platforms, and getting a clear picture about a specific charity and their work can be a hassle | 7 |
| Difficult for charities, especially smaller ones, to get word out about their work and capture the spotlight | 7 |
| Difficult to keep track of recent work and future events of different charities | 5 |

## 1.3 Objectives

1. Services from charities like collection of second-hand clothes or left-over food will be organized into different categories.
2. There will be notifications and banners highlighting the information about donation processes to the most prominent charities during crises. Priority will be given to the charities that are deemed to be most reliable and doing the most work.
3. The different donation methods will be presented in an organized and consistent manner, regardless of the specific charity being donated to. Features like saving addresses and card information will also make this process smoother.
4. Each member charity will have their own profile page, where all of their information can be found. The profiles will be divided into different parts, and will display in a consistent manner.
5. Charities doing prominent work and with good reviews will be highlighted on the user's homepage.
6. User's will be able to follow the profiles of the charities they are most invested in so that they receive regular notifications about their events.

## 1.4 Constraints

1. There is a very limited amount of time available to complete the project.
2. The development team is limited in size.
3. The program might eventually have a large number of users, which would mean server space demands that are not currently available.

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# 2. Feasibility Analysis

## 2.1 Technical

* The program itself will not be using any special features that are not commonly available. As such, no additional software or hardware is required.
* A database, such as SQLite or Oracle SQL, must be used.
* Monetary transactions will be handled with existing transaction portals for credit and debit cards.

## 2.2 Economic

* There are no development costs associated with the project.
* There may be nominal costs associated with server storage space once a large number of users begin to use the app. However, for now, this can be managed with free online storage options such as Dropbox or Google Drive.
* Maintenance costs should be minimal due to the nature of the program, and general maintenance tasks can most likely be handled by members of the development team. No dedicated full-time employees are needed to handle this task.

## 2.3 Operational

* The user interface will be intuitive and minimalistic, which should make it easy to navigate even by non-technical people. Use of functionality that is common and likely to be familiar to users, such as a navigation tab and a prominently displayed search bar, will be stressed.

# 3. Flowchart

