Bank of clothes in the Hashemite University

Instructor Name	Student Name	Student Id
Prof.Maen Hammad	Yousef Hisham Shaban	1932107

TABLE OF CONTENTS

1. Introduction

This program targets specific people who can't afford clothes, especially on cold days. On the Other hand, our program contributes to making a healthier and more natural environment for the future and our children; while reducing the production of garments from factories while not wasting any extra resources by any means. This program got established to help the poor people, the planet, and humanity.

2. User requirements definition

1) Being able to register into the site, with a system that allows creating a profile that contains specific information about the user.

2) The donator can inspect the available delivery schedule; so that the delivery timing can be most comfortable and pleasant. Additionally, the donor can choose another day.

3) The donor has the full right to change his or her order time on the calendar three days before the date of delivery.

4) The system shall ask the user how many clothes is he willing to donate; so that the storage and delivery team maintains enough space.

5) The system helps people in need (if proven) to order clothing.

6) The service provides total anonymity to both the donor and the receiver. And they would not accept any knowledge sharing.

7) A reminder system that notifies both donator and the recipient.

8) The donor has the ability to donate in money or cloths.

3. System requirements Specification

1) Being able to register into the site, with a system that allows creating a profile that contains specific information about the user.

- If this is the first time the user has visited the site, he/she shall register as a new user by asking for his/her name, address, and phone number.

- If the user is used to login into the site, he shall only enter his name and password to login into the system.

- The framework will encourage the user to store cookies and passwords; to have a better experience in donating again.

2) The donator can inspect the available delivery schedule; so that the delivery timing can be most comfortable and pleasant. Additionally, the donor can choose another day.

- The user can access and book the free spaces on the calendar.

- The shipping plan will include a table for each month when displaying the dates for the donation.

3) The donor has the full right to change his or her order on the calendar three days before the date of delivery.

- If the user changes the timing three days before the delivery, the delivery will get automatically approved. Otherwise, an admin has to accept the request depending on the policy.

4) The system shall ask the user how many clothes is he willing to donate; so that the storage and delivery team maintains enough space.

- The user can donate how many clothes he's willing to donate for, by weight or number.

- The consumer can't change the number/weight of clothes that he's ready to transmit.

5) The system helps people in need (if proven) to order clothing.

- The platform will have two tabs to give and collect.

- The Donation tab will include the donor location, phone number, age, ID, and the donation process itself.

- The receiving tab will contain the same as the donation tab, but with more detail, such as their home status, family members, family salary.

6) The service provides total anonymity to both the donor and the receiver. And they would not accept any knowledge sharing.

- The donator neither the recipient will be able to look into the database.

7) A reminder system that notifies both donator and the recipient.

- The reminder system will send a letter for each (the donor and the receiver), containing the date and time of arrival.

8) The donor has the ability to donate in money or cloths.

- If the user desired to donate money, he has to enter his card information, yet he doesn't have to book in the schedule.
- On the other hand, if the user desired to donate his/her clothes, the process will maintain the same.
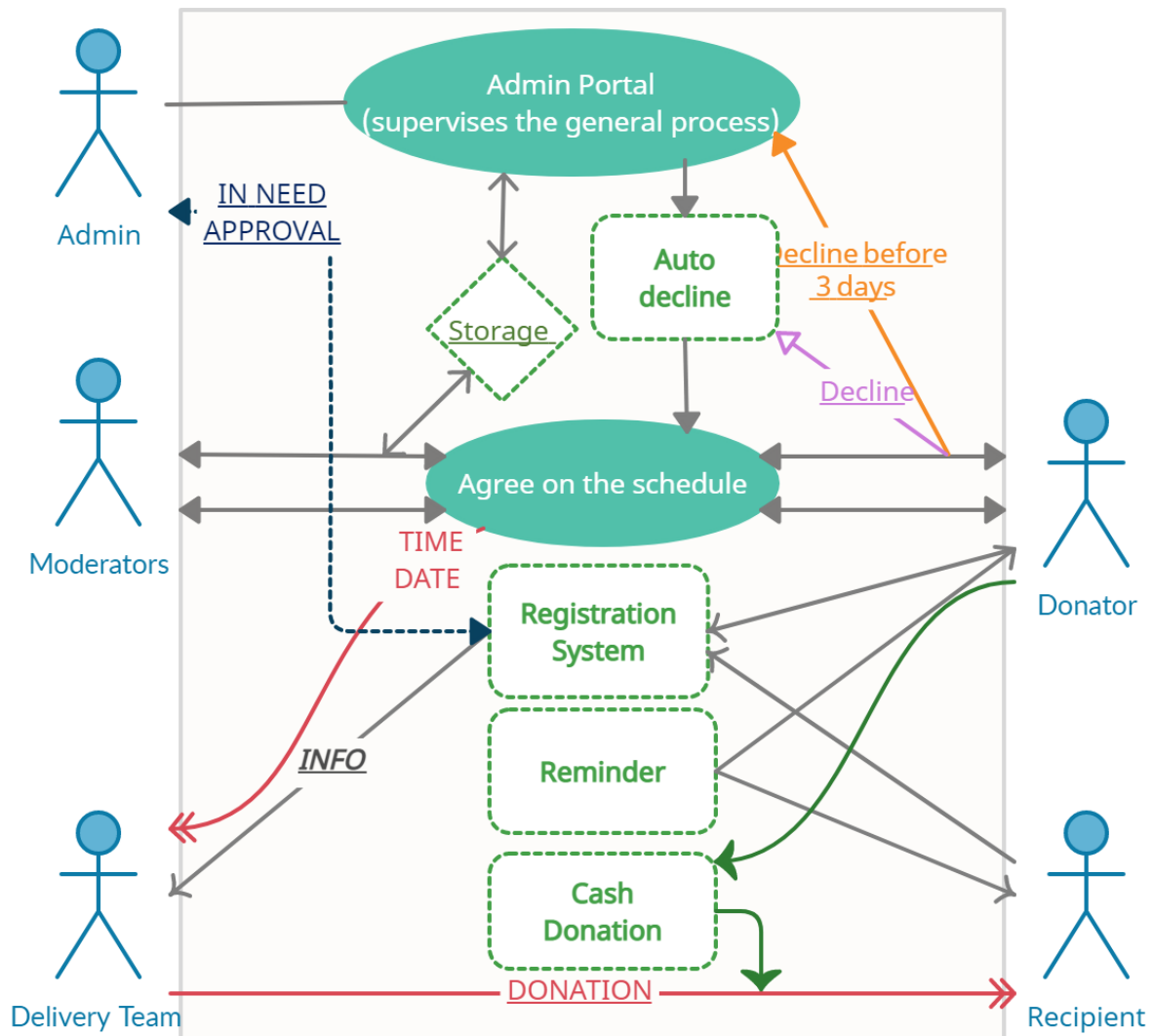
4. System Architecture

This program has developed to make donations simpler, effective, and efficient. To make it as simple as possible, we will make an android and IOs version of the software on mobiles, maintaining full functionality, same for the web version; which will also be accessible by clients, to cover most ways that the user can reach us.

On the other hand, the users have to activate the notifications feature; to know when is the delivery team is near.

Yet, the delivery crew can call the user, case he didn't answer in the delivery time. In other words, the user has to allow the app to use the calling system, for the site version, or the app.

5. System Models

Admin Portal
(supervises the general process)

IN NEED
APPROVAL

Auto
decline

Decline before
3 days

Storage

Decline

Agree on the schedule

TIME
DATE

Registration
System

INFO

Reminder

Cash
Donation

DONATION

Admin

Moderators

Donator

Delivery Team

Recipient

https://app.creately.com/diagram/2YeMAXUhgq5/edit