Charity Wallet

Software Engineering Project

Made by: Ruturajsinh Chauhan(202101146)

Use case for Donation process

Use case name:

The donation process.

Identifier:

UC-3

Precondition:

- o The Ngo is logged on to the system.
- o The donor is logged on to the system.
- o The Donor visits the campaign or emergency help web page and clicks the donation button.

Main flow:

1. Donor fills out the form and submits it.
2. The system keeps the information in a database.
3. The system creates and displays the payment gateway to the donor.
4. The donor enters payment information and chooses the method of payment.
5. The system validates payment information.
6. The system asks you to enter a pin.
7. Donor inputs a valid pin.
8. The pin validation had to be checked by the system.
9. The database where the system stores the donation amount.
10.   The donor receives a receipt by mail from the system.
11.   The system sends information regarding the donation to the ngo.

Alternative flow:

1. (5.1) Payment details invalid

2. (5.1.1) The system informs the donor that his/her payment details is invalid

3. (5.1.2) Donar can enter payment information again or cancel the payment process.

4. (8.1) PIN invalid

5. (8.1.1) The system displays an error saying the donor pin is invalid.

6. (8.1.2) Donar can be required to re-enter all the details.

Postcondition:

- Once the donation has been made, the progress bar on the NGO profile will change to show the transfer of the donation.

- The donor's profile will be updated following a successful transaction.

Actors:

- Donor

- Ngo

Sequence Diagrams: