

Product Backlog

Project Name: GlassGift (Team 27)

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Problem Statement	1
Background Information	1
Domain	2
User Audience	2
Similar Platforms	2
Limitations of Other Solutions	2
Backlog	2
Functional	2
Non-Functional	3

Problem Statement

There does not exist a transparent and efficient way to keep track of donations between donors and non governmental organizations (NGOs such as nonprofits or charities), and with internet misinformation on the rise, this is more important than ever. This application would allow users to make transparent donations to verified NGOs, which courts could use to substantiate NGOs by keeping a collection of transactions between these organizations and their donors. In addition to creating a platform where donors could find suitable NGOs, this application would also boost confidence in donors, ensuring them that their money is being used for a properly charitable cause, as opposed to a fake.

Background Information

Domain

- Gifts/donations
- Charity and non-profits
- Data decentralization

User Audience

Our main audience are donors who want to know more about NGO's they donate to, and NGO's who want to validate themselves to potential donors. Users would be able to register themselves as such and be able to complete transactions (donations) and view transactions completed by other NGO's. The main people attracted to our application are users who are interested in having a transparent history of donations, so that users can be confident in their donations, and NGO's can be confident in their earnings.

Similar Platforms

There are a few similar platforms such as Venmo, GoFundMe, and Patreon. Venmo is a money transfer service, that, by default, shows all transactions as public. However, along with transfers of money, are the only similarities that are shared with GlassGift. GlassGift is meant for donations, while Venmo is meant for person-to-person transfers. GoFundMe, is more in line donations, but it is meant for contributing to a single event in the future and then it closes, whereas GlassGift does not represent an event, and can always take donations. Patreon is a way for people to donate to support an entertainer (such as a Youtuber) as a one time donation or at set times (such as monthly). This is something that our platform could also support, but instead the money would go towards an NGO, not a for-profit.

Limitations

Each of the aforementioned platforms do not cater to NGOs directly, therefore, the significant divider for GlassGift is its unique objective to serve an effective platform to donors and non-profit organizations that work on scalable projects for groups and communities. While Venmo shares the transparent payments feature with GlassGift, it doesn't distinguish its users and there is no check for possible foul play by either of the receiving or sending parties. GlassGift addresses this by presenting ways to measure

credibility of NGOs and highlighting odd trends. As for GoFundMe, the projects posted on the platform are one time donations, and there is little transparency when it comes to these projects raising money. This is in stark contrast with the purpose of our product which aims to hold NGOs seeking donations accountable to their writings by decentralizing their transactions. Pateron, on the other hand, cater to users such as content creators and subscribers or followers. The donors on Pateron are unconcerned with what creators do with the money they collect on the platform which is diametrically different to the donors using our service. Therefore, the popular solutions currently on the market have serious limitations to the problem we state here, and there is a real gap which GlassGift has potential to fill with its technology.

Backlog

Functional

1. As a developer, I would like to ramp up on the tech stack I will be using.
2. As a donor, I would like to register and sign in as a donor.
3. As an NGO, I would like to register and sign in as an NGO.
4. As a donor, I would like to be able to donate money to an NGO of choice.
5. As an NGO, I would like to edit my profile to convey information about my organization, such as, description, category, location, target beneficiaries, and more.
6. As a donor or an NGO, I would like to search for NGOs based on parameters such as keyword, location, category, etc.
7. As a donor, I would like to view raw statistics regarding transactions so that I can verify the NGO I am donating to.
8. As an NGO, I would like to be able to specify minimum and maximum limits on donations.
9. As a donor, I would like to view my previous donations.
10. As a donor, I would like to optionally add anonymity on my donations (e.g.: only the user can see my donation).
11. As a user, I would like to be able to export all transaction data from any NGO to be able to be exported to a readable file like a .csv, .pdf, etc.
12. As a donor, I would like to be able to export my own transaction data
13. As a user, I would like my search result list to be sorted based on categories previously donated to.
14. As a donor, I would like the option to save my payment methods.
15. As a user, I would like my previous searches to be saved.

16. As a donor, I would like to schedule my payments.
17. As a donor, I would like to donate in honor of another person (ex: birthday gift).
18. As a donor, I would like to donate in memory of another person (ex: they've passed away).
19. As a user, I would like to account verification using my unique email address.
20. As a user, I would like to be notified if I log in from an unknown/unfamiliar machine for security purposes.
21. As a donor, I would like to receive email confirmations for each donation.
22. As a user, I would like to be able to reset my password.
23. As a donor, I would like to be able to print or be emailed an itemized receipt.
24. As an NGO, I would like to post a notice on my profile (ex: "Seeking donations for Hurricane Harvey").
25. As a user, I would like to be able to share my donation through a social media platform, such as facebook, twitter, or LinkedIn.
26. As a user, I would like the option to view a visualization of the transaction data for any NGO I may donate to.
27. As a donor, I would like to be able to donate using cryptocurrencies (if time allows).
28. As an admin, I would like to give verification (ex: Twitter blue check) to an NGO (if time allows).
29. As an NGO, I would like to share my calendar (if time allows).
30. As an NGO, I would like to share my Headquarters location and the locations that my organization impacted using Google Maps (if time allows).
31. As a donor, I would like to subscribe to NGOs (if time allows).
32. As an NGO, I would like to send out newsletters to subscribers (if time allows).
33. As an NGO, I would like to create and edit a thank-you email template to be sent with a donation confirmation to a donor (if time allows).

Non-Functional

1. As a user, I would like the application to be quick without any lag.
2. As a user, I would like my financial information to be kept private.
3. As a user, I would like the interface to be clean and easy to understand.
4. As a developer, I would like the codebase to be readable and maintainable
5. As a donor, I would like the financial activity of NGOs to be clear and easy to read
6. As a product owner, I would like the codebase to be safe from malicious attackers to prevent bad press of the application
7. As a user, I would like the user experience to be a good one. That is, I'd like to have the feeling the developers understand how I will use this application