Kher Wallet

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Graduation Project

Academic Year 2021-2022

Midyear Presentation

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Conclusion to what we have said.

01

Project idea

Idea description and
domain of interest.

Project idea

- Nowadays, there are a lot of **organizations** that accept **donations** from different people.
- It takes **time** and **effort** for people to reach to these organizations so they can donate.
- So, our project idea is to solve this problem by implementing an application that **help** people to **donate** in an **easier way** and **notify** when there is a new post or event around the corner.

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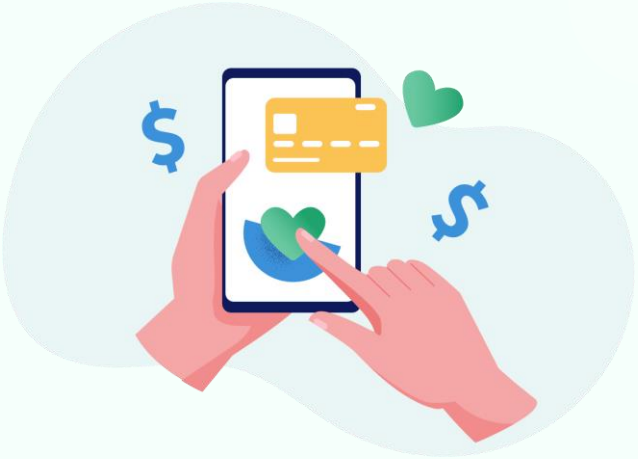
02

Problem significance

Problems to be solved.

Problem significance



- Our problem is that people spend so much **time** and **effort** to reach different organizations that has led to the **shortage** of the overall amount of donations.

- Other problem is that those organizations **do not have** the **capability** to **reach large amount of people** to help in notifying them with events.

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Project specifications

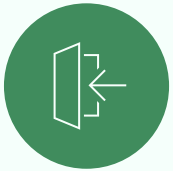
Requirements and important diagrams.

Functional requirements

Donator's functionalities

Sign up

Using own their personal information.



Sign in

Using email and password.

Forget password

An email will be sent where password can be easily reset.

Sign out

At any given time, a donator can sign out.

Functional requirements

Donator's functionalities

Write feedback

Write a feedback of his own.

Request help

Frequently asked questions with provided answers.

Contact us

Contact us to solve any problem via email.

Functional requirements

Donator's functionalities

Update donator's profile

Any information in profile.

View notifications

Whenever a new place is added, or when there is an event where help is needed.

View posts

The upcoming posts where help is needed.

Functional requirements

Donator's functionalities

Expand event description

About a specific event with full description.

Filter posts/events

Filter posts based on organization name

Apply to a post/event

Through a Google form, a donator can apply to post/event

Functional requirements

Donator's functionalities

Donate

By requesting a representative.

View requests

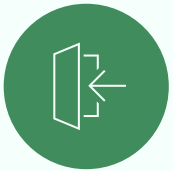
View different donations in requests.

Remove from requests

Remove donations from requests.

Functional requirements

Organization's functionalities



Sign in

Using email and password.

Forget password

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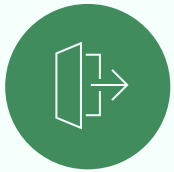


Sign out

At any given time, a organization can sign out.

Functional requirements

Organization's functionalities

Add post

Any upcoming post which is then send as a notification to donators.

Update post

Update existing post such as event code or details

Remove post

Remove existing post

Functional requirements

Organization's functionalities

Update organization's profile

Any information in profile.

View posts

The posts already has been posted.

Expand post description

About a specific event with full description.

Functional requirements

Organization's functionalities

View requests

View the requests made by donators.

Edit requests

Edit any request's current state.

Analyze data

A pie chart is generated with the data available.

Functional requirements

Organization's functionalities

Write feedback

Write a feedback of his own.

Request help

Frequently asked questions with provided answers.

Contact us

Contact us to solve any problem via email.

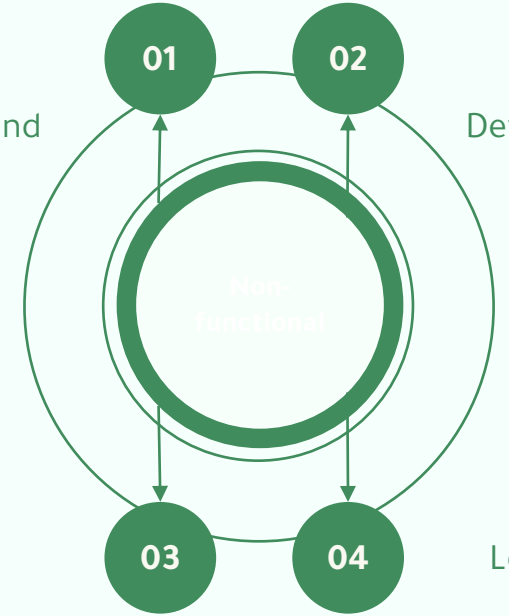
Non-functional requirements

Portability

Run on both Android and iOS devices.

Usability

Determine what a feature is and what it can do.



Availability

Available to use 24/7.

Response time

Load at not more than 5 seconds.

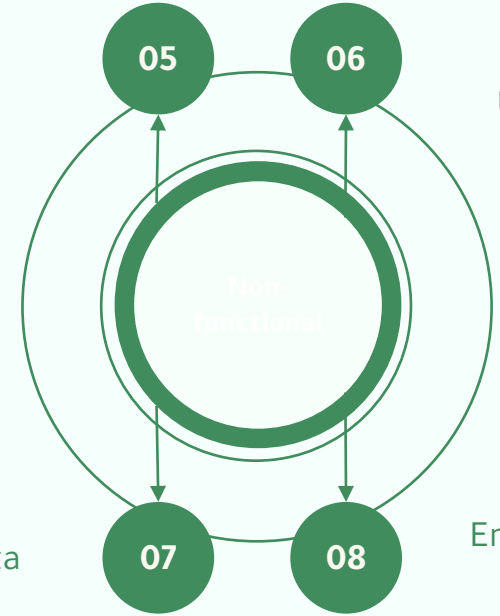
Non-functional requirements

Authorization

Specific email and password is given to organizations.

Authentication

Using Google's Firebase Authentication technology.



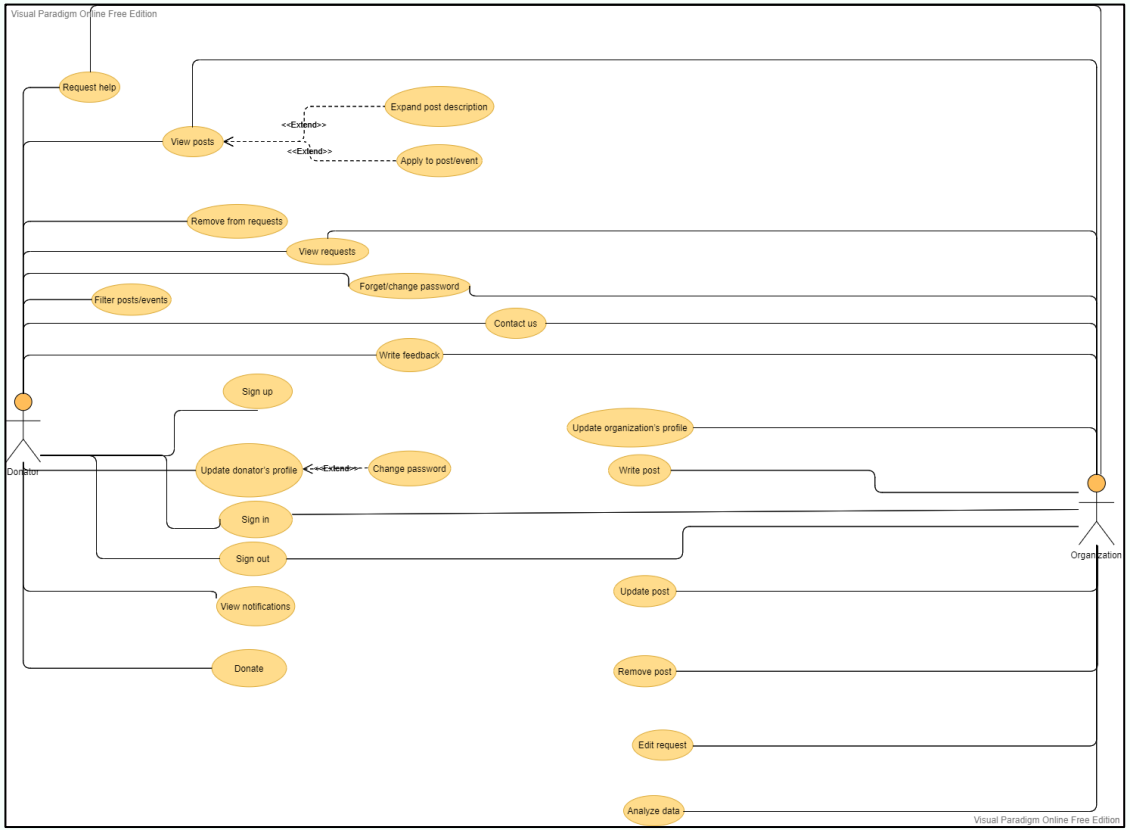
Scalability

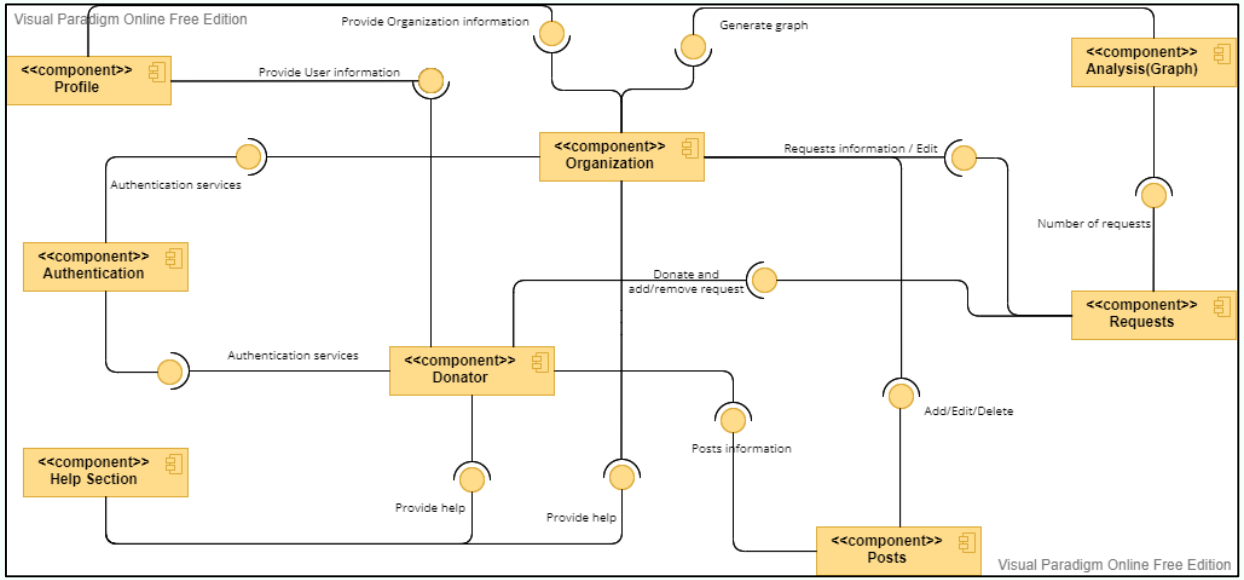
More requests and data can be handled.

Security

Email, password, number, terms of services and private policy.

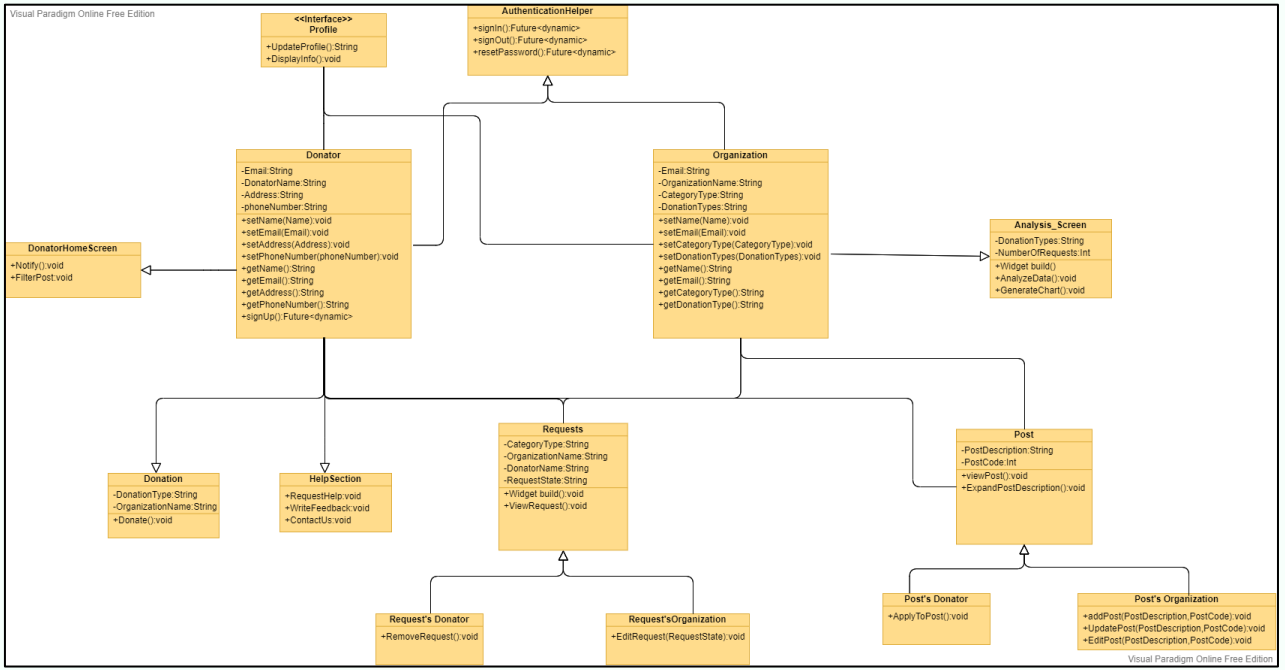
Use-case Diagram





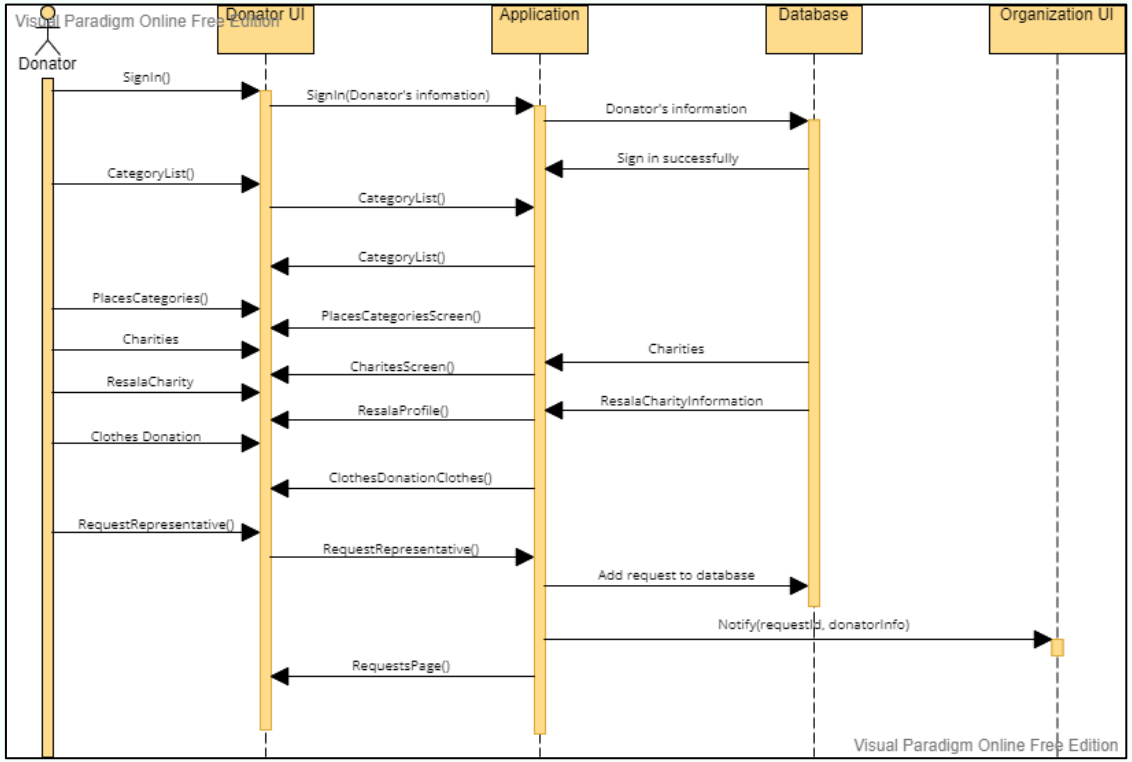
Component Diagram

Class Diagram



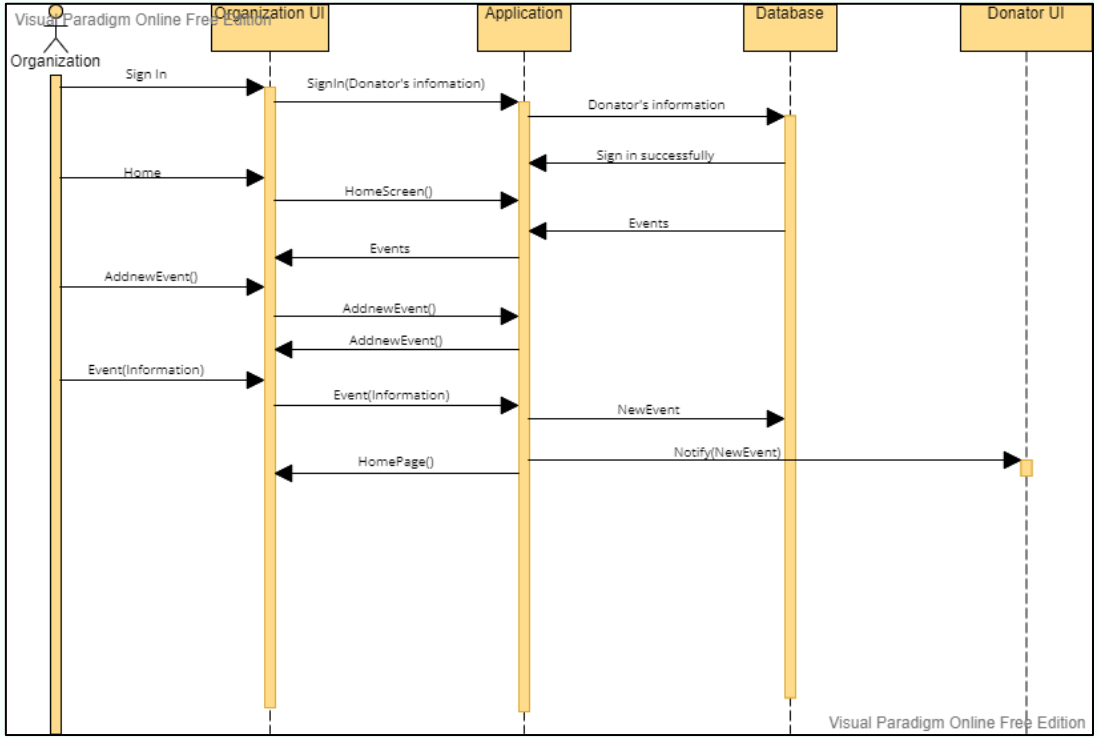
Sequence Diagram 1

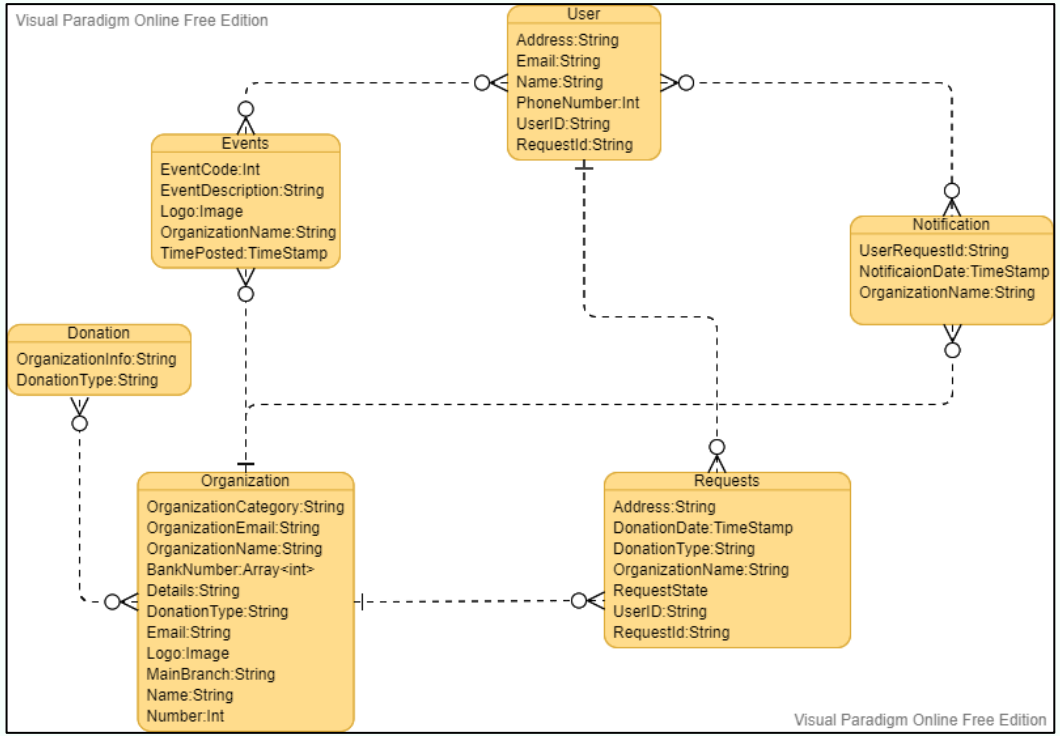
Donating scenario:



Sequence Diagram 2

Adding new event scenario:





Entity Relationship Diagram (ERD)

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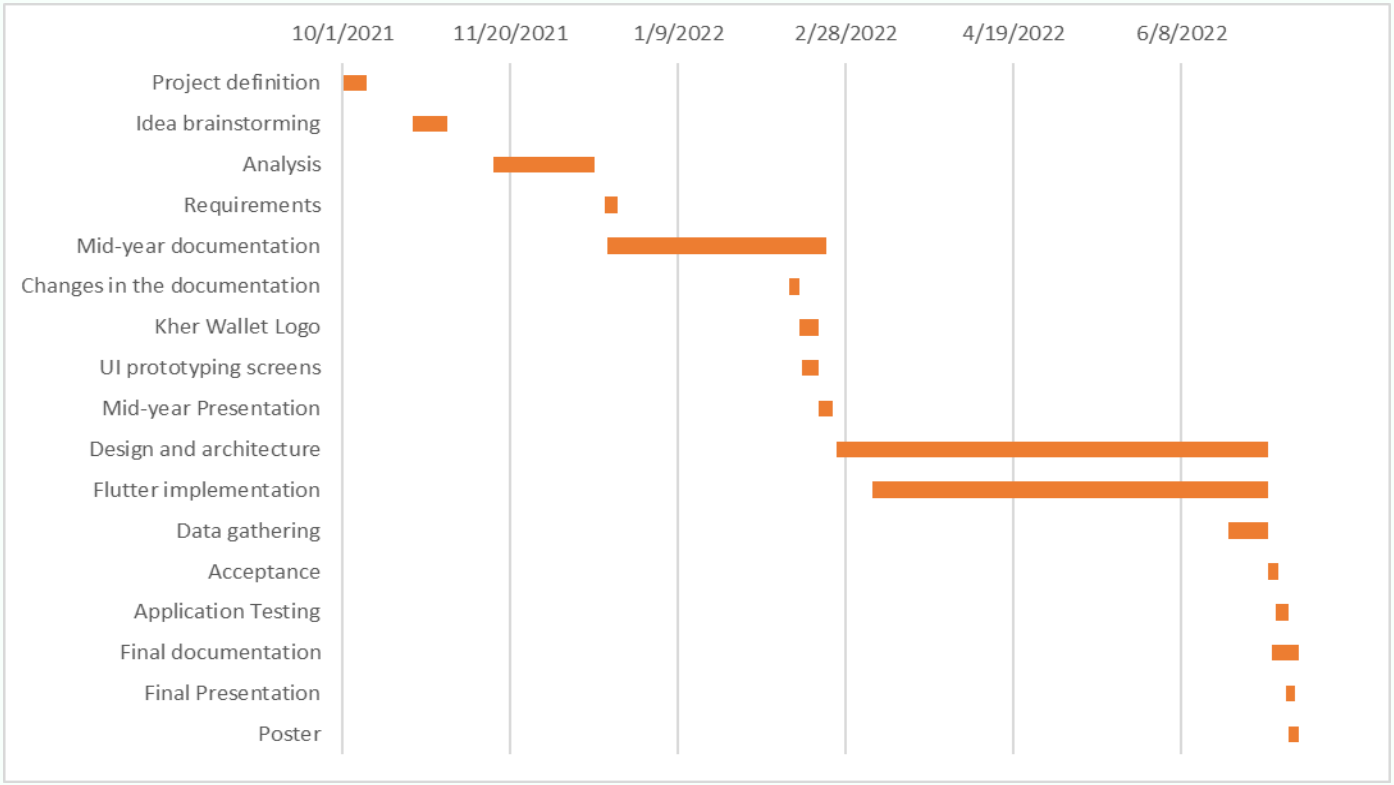
Time Plan

Tasks to be fulfilled.

Time Plan

Task Title	Start date	End date	Duration
Project definition	10/1/2021	10/8/2021	7
Idea brainstorming	10/22/2021	11/1/2021	10
Analysis	11/15/2021	12/15/2021	30
Requirements	12/18/2021	12/22/2021	4
Mid-year documentation	12/19/2021	2/22/2022	65
Changes in the documentation	2/11/2022	2/14/2022	3
Kher Wallet Logo	2/14/2022	2/20/2022	6
UI prototyping screens	2/15/2022	2/20/2022	5
Mid-year Presentation	2/20/2022	2/24/2022	4
Design and architecture	2/25/2022	7/4/2022	129
Flutter implementation	3/8/2022	7/4/2022	118
Data gathering	6/22/2022	7/4/2022	12
Acceptance	7/4/2022	7/7/2022	3
Application Testing	7/6/2022	7/10/2022	4
Final documentation	7/5/2022	7/13/2022	8
Final Presentation	7/9/2022	7/12/2022	3
Poster	7/10/2022	7/13/2022	3

Gantt Chart


10/1/2021
11/20/2021
1/9/2022
2/28/2022
4/19/2022
6/8/2022
Project definition
Idea brainstorming
Analysis
Requirements
Mid-year documentation
Changes in the documentation
Kher Wallet Logo
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Poster

Git hub repository graph

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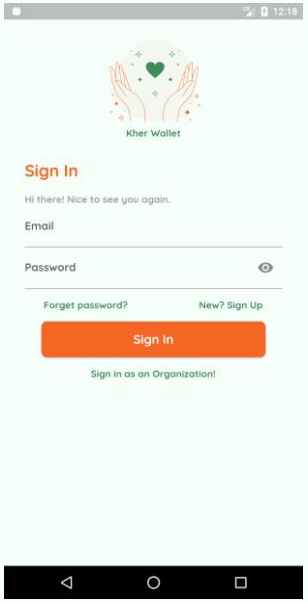
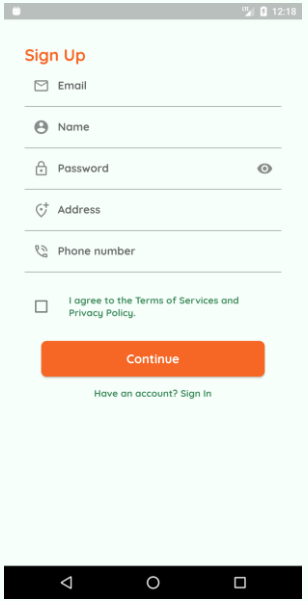
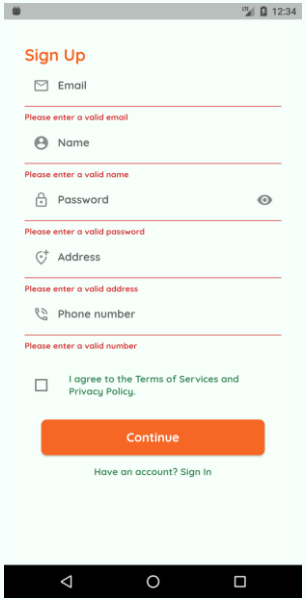
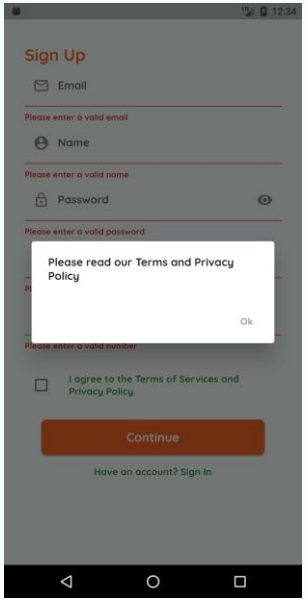
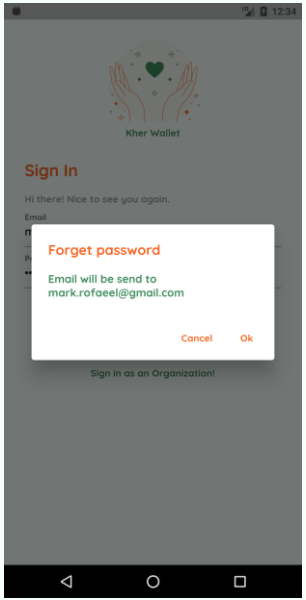




Donator’s demo







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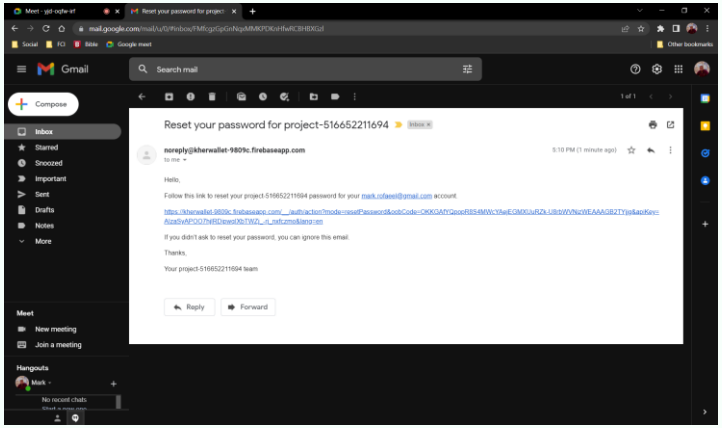

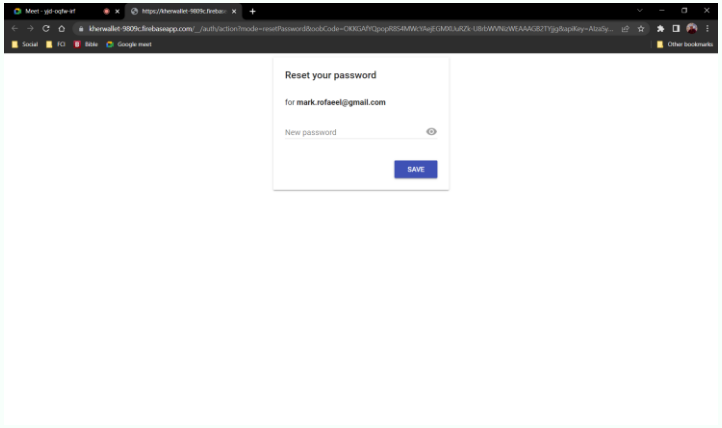

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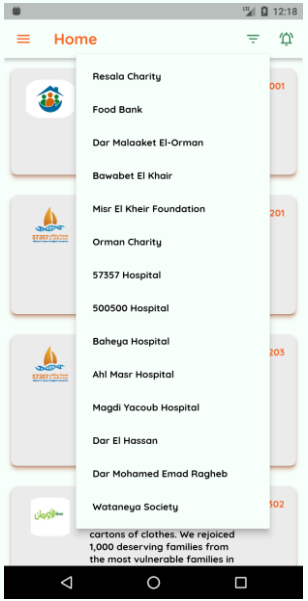

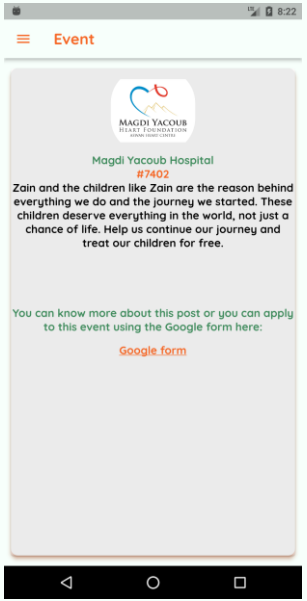

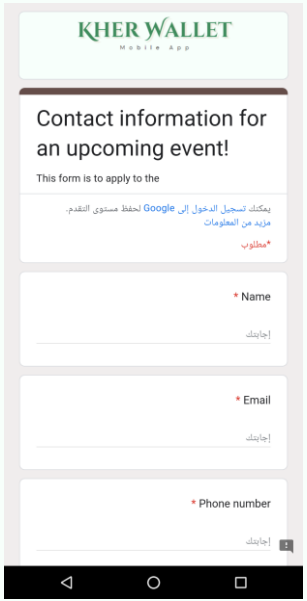

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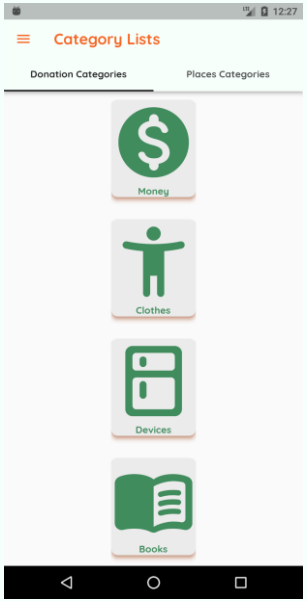

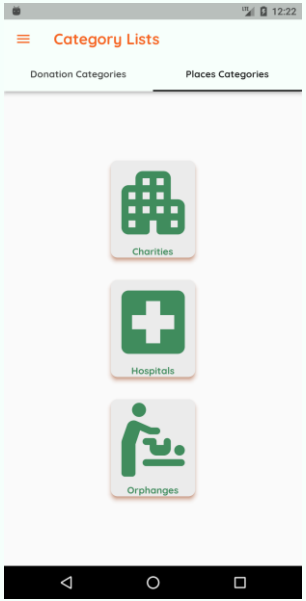

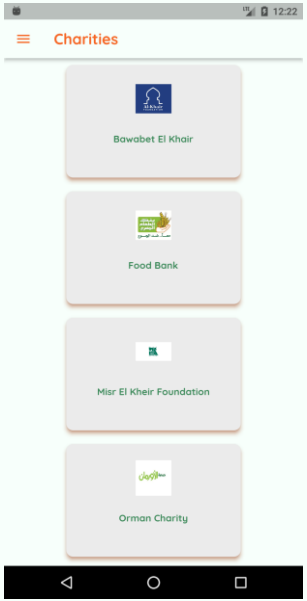

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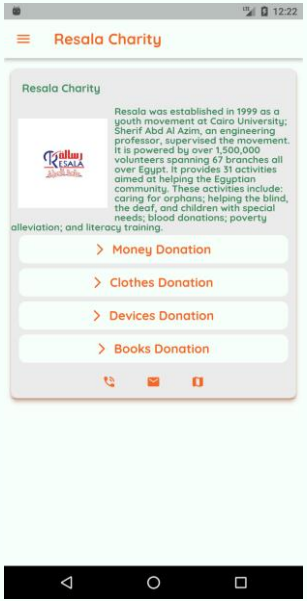

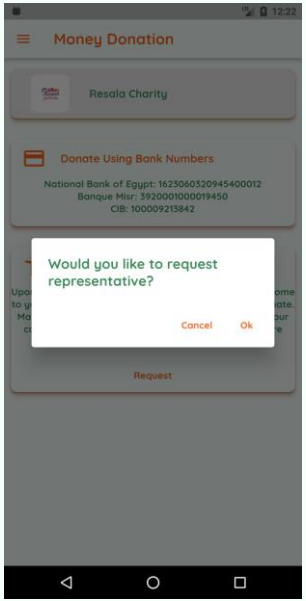

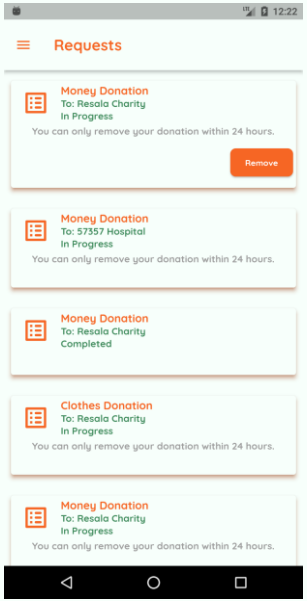

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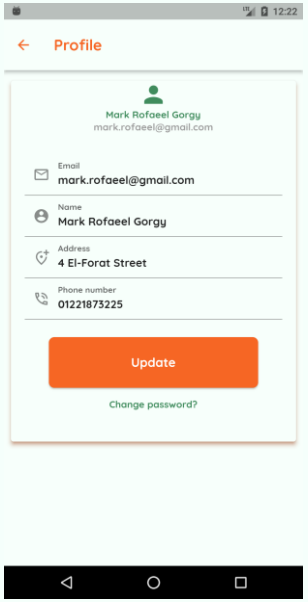

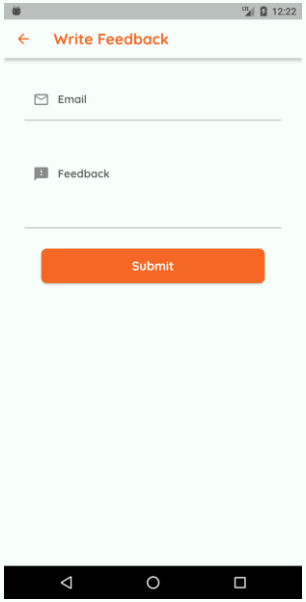

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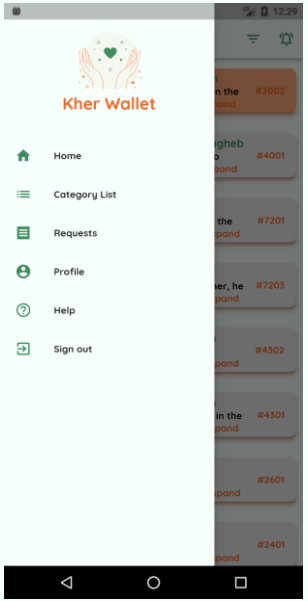

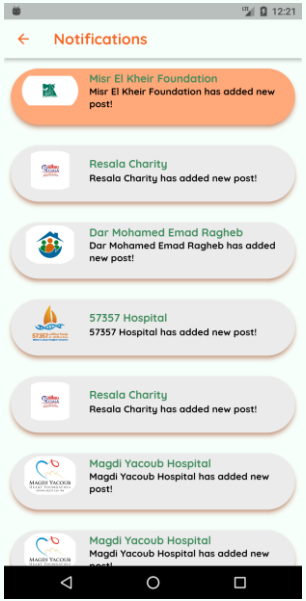

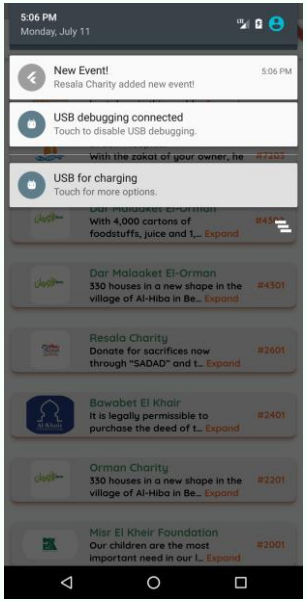

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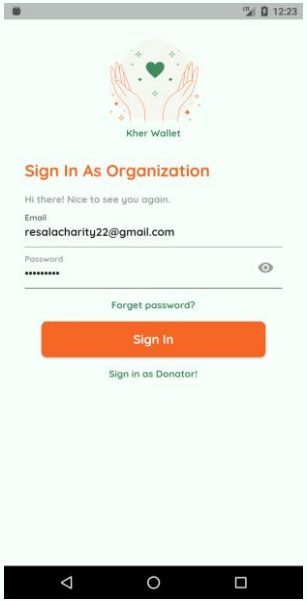
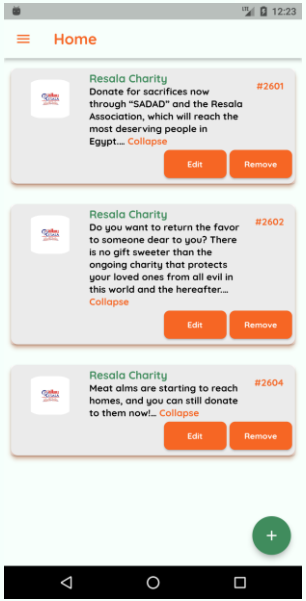
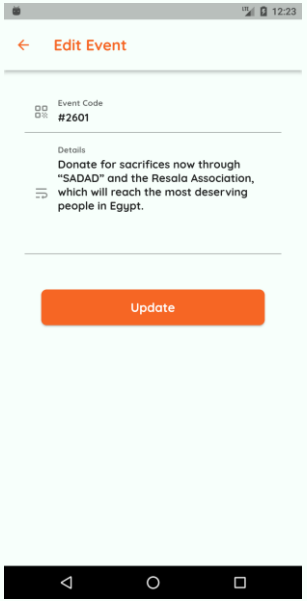
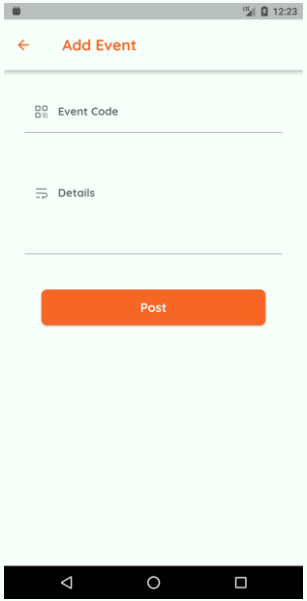
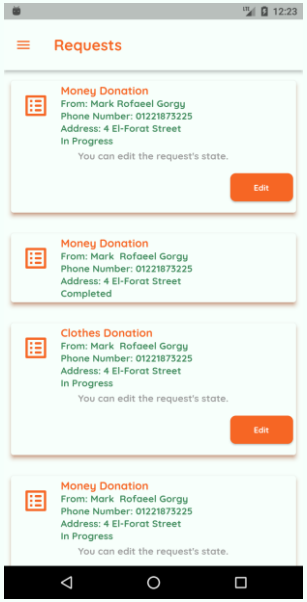


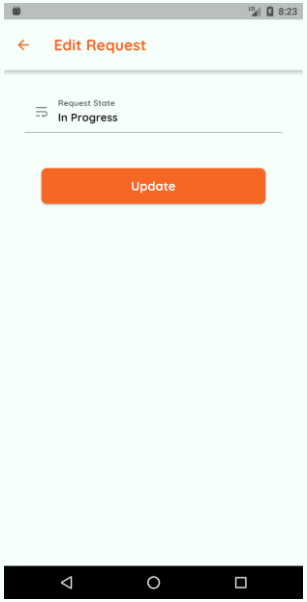


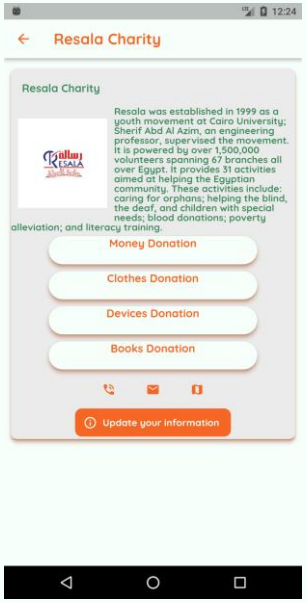


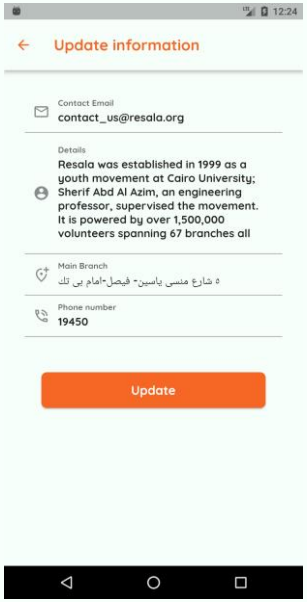


Organization's demo

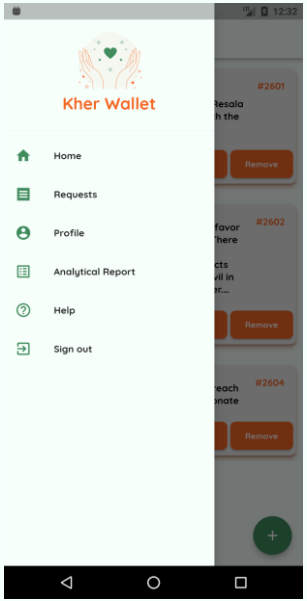


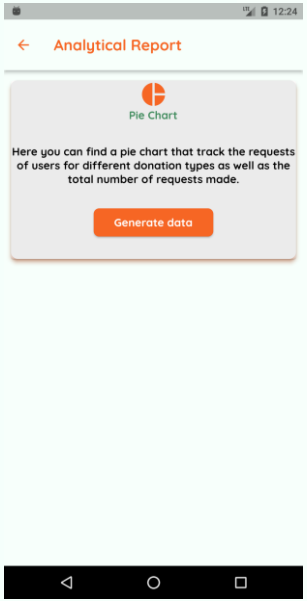


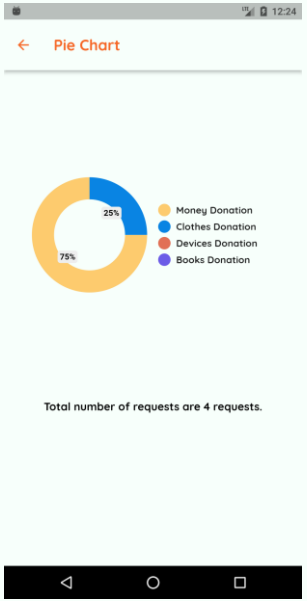


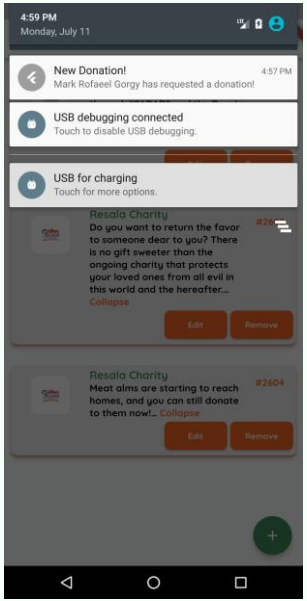


Organization’s demo









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Mobile App
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Conclusion to what we have said.

06

Conclusion

Conclusion to what we have said.

THANKS!

Do you have any questions?

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