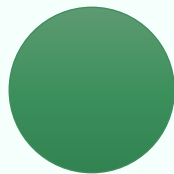


Kher Wallet



Supervised by:

Dr. Khaled Wassif
TA. Ashraf Mohey

Implemented by:

ID

20186031

20186008

20186043

20186007

20186049

Name

Nada Mohamed

Sarah Khaled

Mark Rofaeel

Ayat Hany

Yasmine Shehab



Graduation Project
Academic Year 2021-2022
Midyear Presentation

TABLE OF CONTENTS

01

Project idea

Idea description and domain of interest.

02

Problem significance

Problems to be solved.

03

Project specifications

Requirements and important diagrams.

04

Time plan

Tasks to be fulfilled.

05

Demo

Successive screenshots of our application.

06

Conclusion

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. Also, people do not even know **when** any organization need help during event times.
 - 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.
-

TABLE OF CONTENTS

01

Project idea

Idea description and domain of interest.

02

Problem significance

Problems to be solved.

03

Project specifications

Requirements and important diagrams.

04

Time Plan

Tasks to be fulfilled.

05

Demo

Successive screenshots of our application.

06

Conclusion

Conclusion to what we have said.



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.
 - So, let's imagine that there is an application that gather all these aspects together and that is what our application is going to do.
-

TABLE OF CONTENTS

01

Project idea

Idea description and domain of interest.

02

Problem significance

Problems to be solved.

03

Project specifications

Requirements and important diagrams.

04

Time Plan

Tasks to be fulfilled.

05

Demo

Successive screenshots of our application.

06

Conclusion

Conclusion to what we have said.



03

Project specifications

Requirements and important
diagrams.

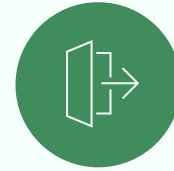
Functional requirements

Donator's functionalities



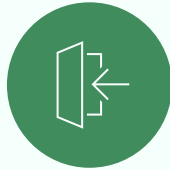
Sign up

Using own their personal information.



Sign out

At any given time, a donator can sign out.



Sign in

Using email and password.



Forget password

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

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.

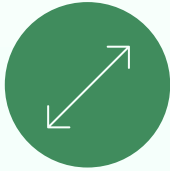


View posts

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



View requests

View different donations in requests.



Donate

By requesting a representative.



Remove from requests

Remove donations from requests.

Functional requirements

Donator's functionalities



Write feedback

Write a feedback of his own.



Request help

Frequently asked questions with provided answers.

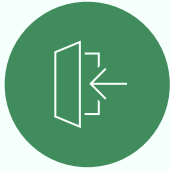


Contact us

Contact us to solve any problem via email.

Functional requirements

Organization's functionalities



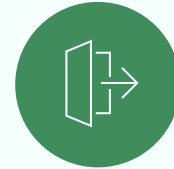
Sign in

Using email and password.



Forget password

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



Sign out

At any given time, a organization can sign out.

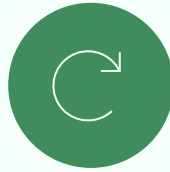
Functional requirements

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



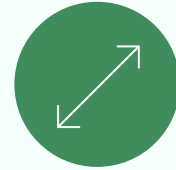
Update organization's profile

Any information in profile.



View posts

The posts already has been posted.



Expand event description

About a specific event with full description.

Functional requirements

Organization's functionalities



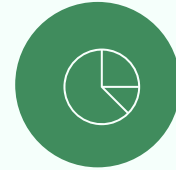
View requests

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



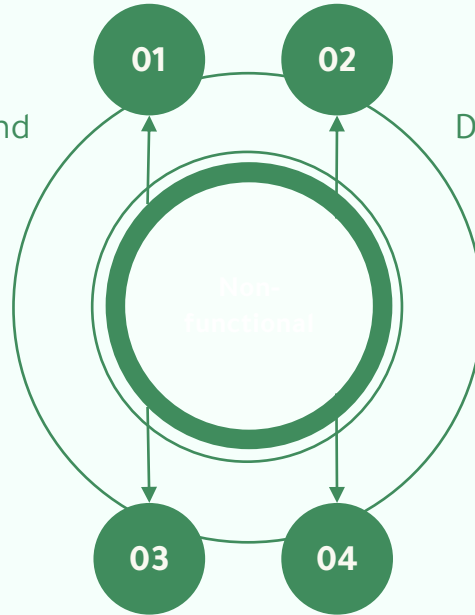
Portability

Run on both Android and iOS devices.



Availability

Available to use 24/7.



Usability

Determine what a feature is and what it can do.



Response time

Load at not more than 5 seconds.



Non-functional requirements



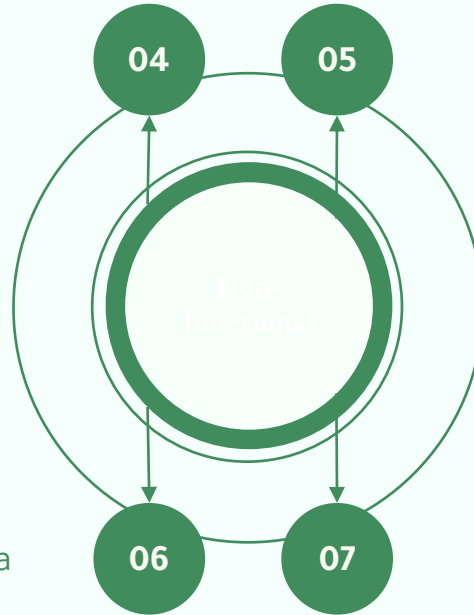
Authorization

Specific email and password is given to organizations.



Scalability

More requests and data can be handled



Authentication

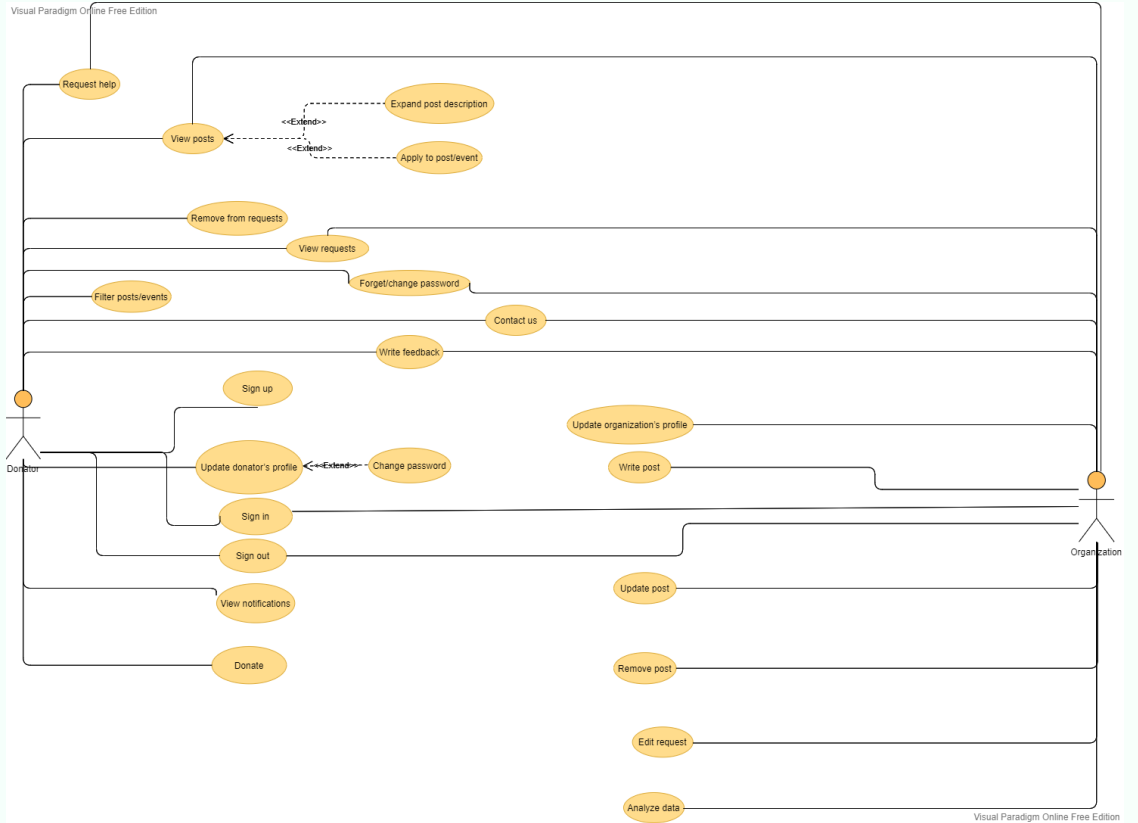
Using Google's Firebase Authentication technology

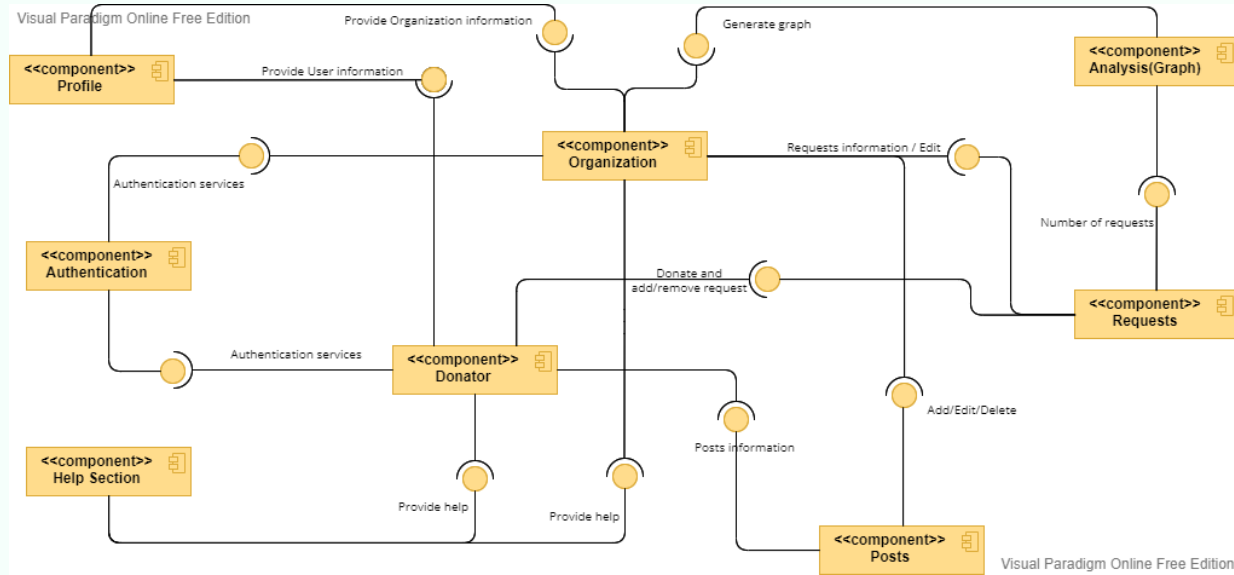


Security

Load at not more than 5 seconds.

Use-case Diagram

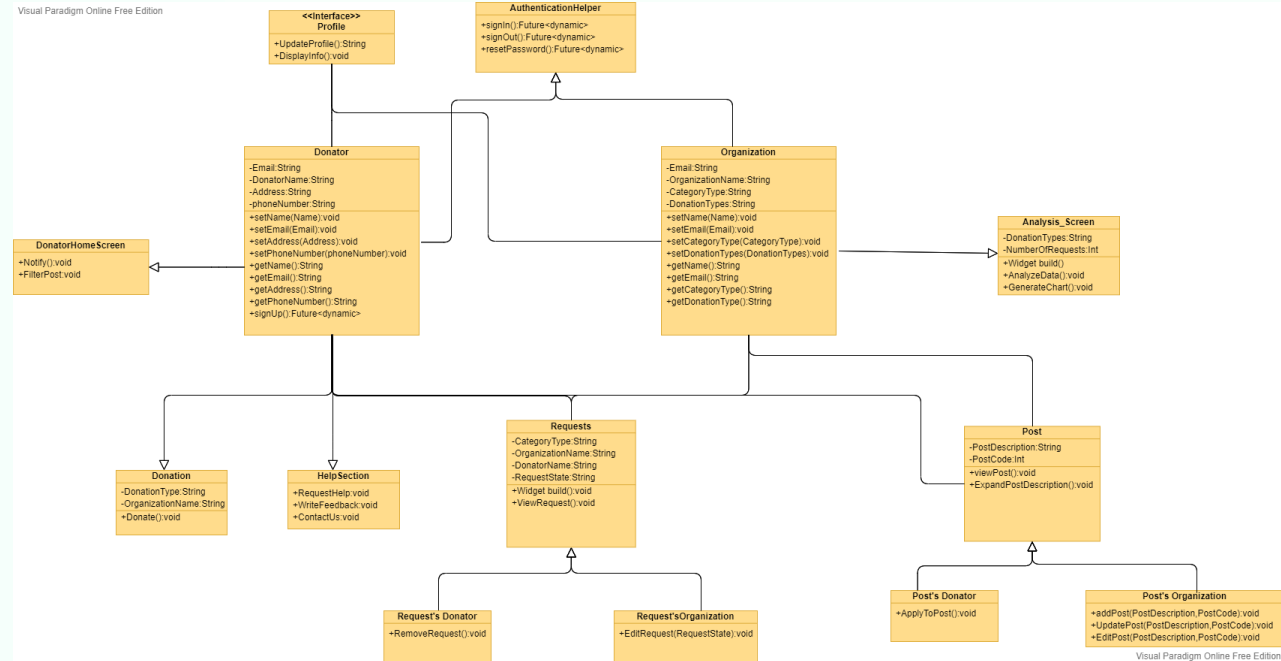




Component Diagram

Class Diagram

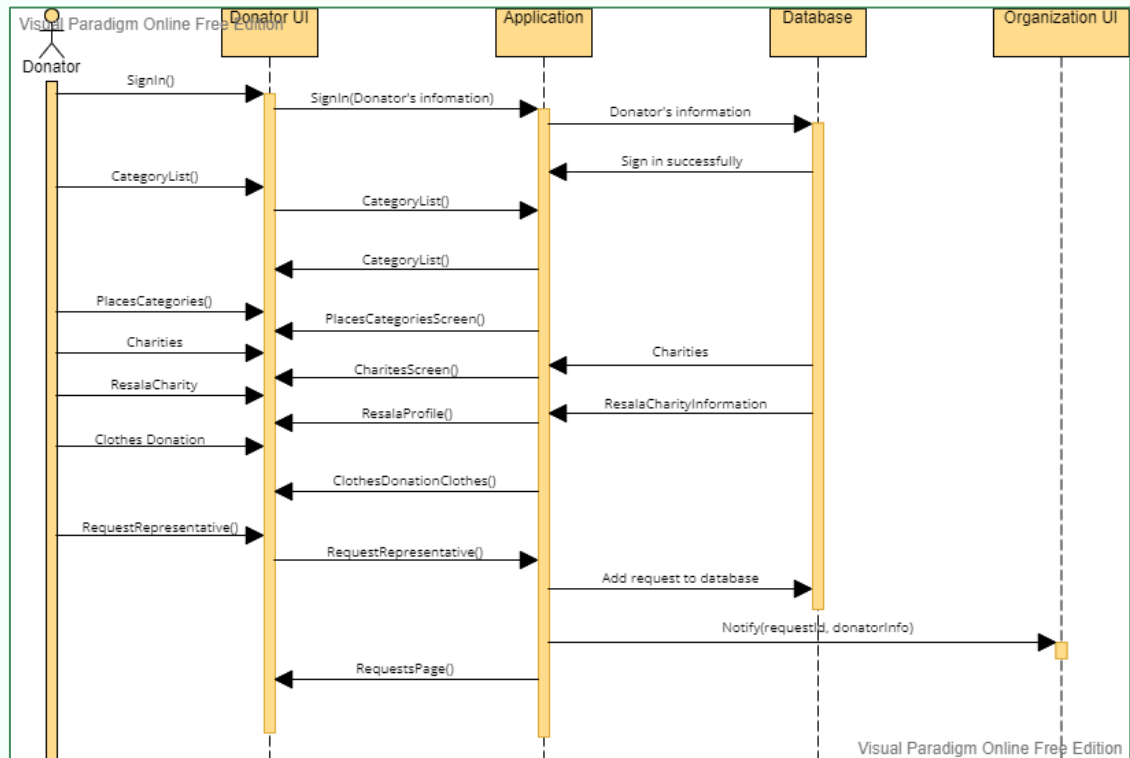
Visual Paradigm Online Free Edition



Visual Paradigm Online Free Edition

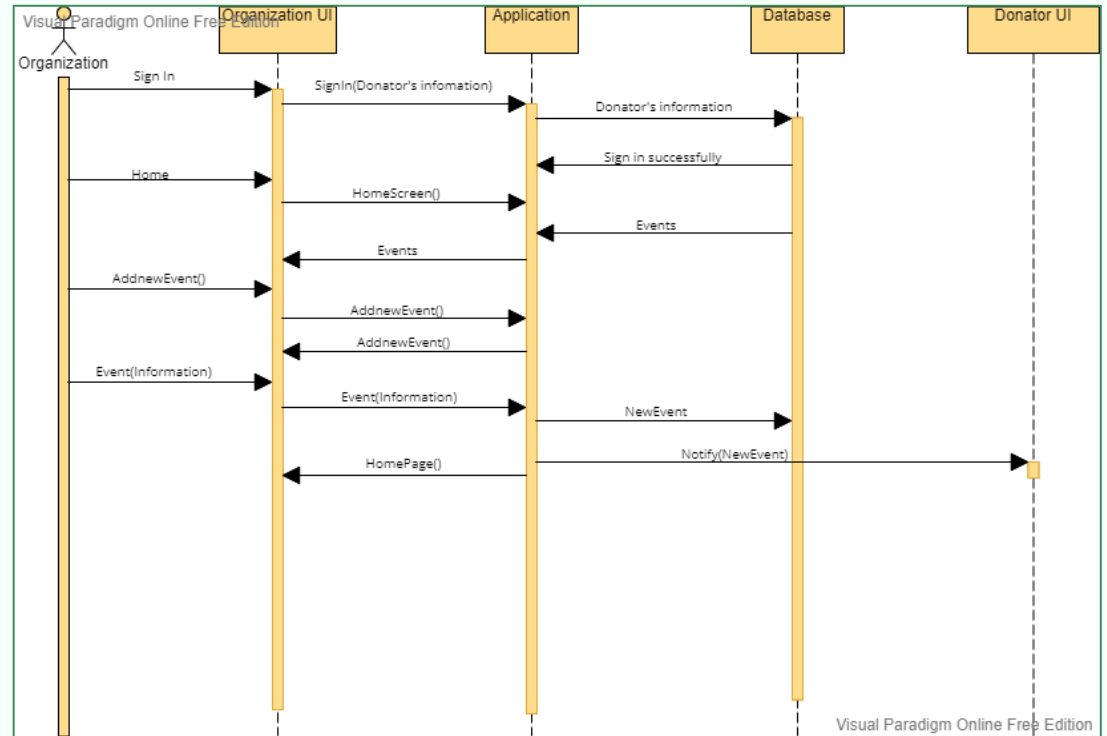
Sequence Diagram 1

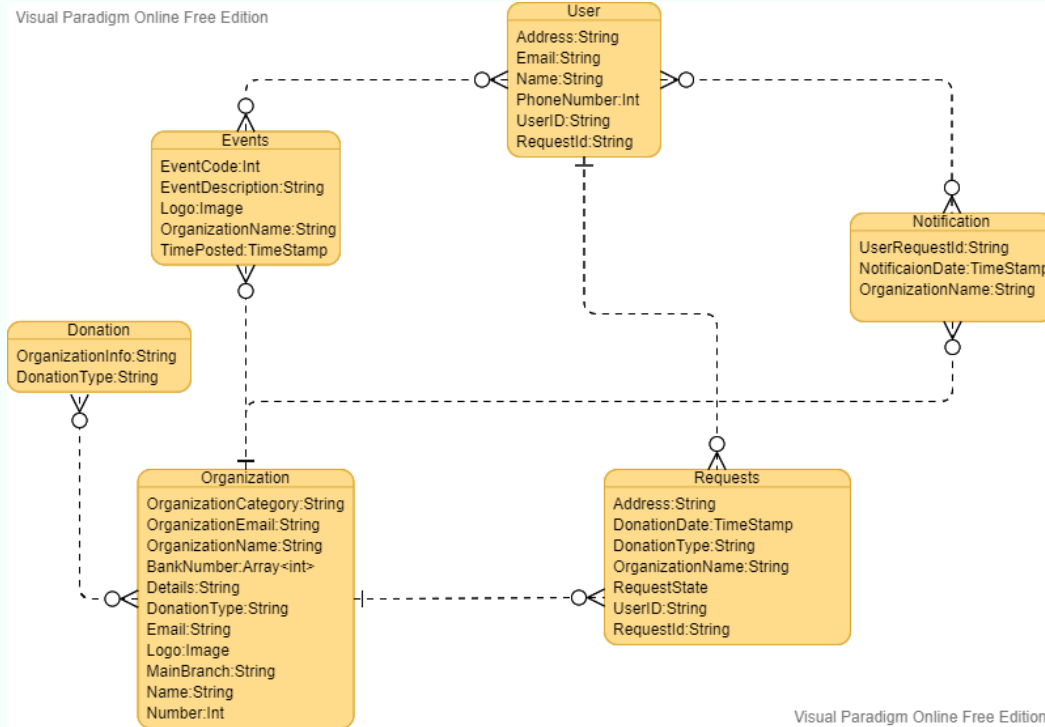
Donating scenario:



Sequence Diagram 2

Adding new event scenario:





Entity Relationship Diagram (ERD)

TABLE OF CONTENTS

01

Project idea

Idea description and domain of interest.

02

Problem significance

Problems to be solved.

03

Project specifications

Requirements and important diagrams.

04

Time Plan

Tasks to be fulfilled.

05

Demo

Successive screenshots of our application.

06

Conclusion

Conclusion to what we have said.



04

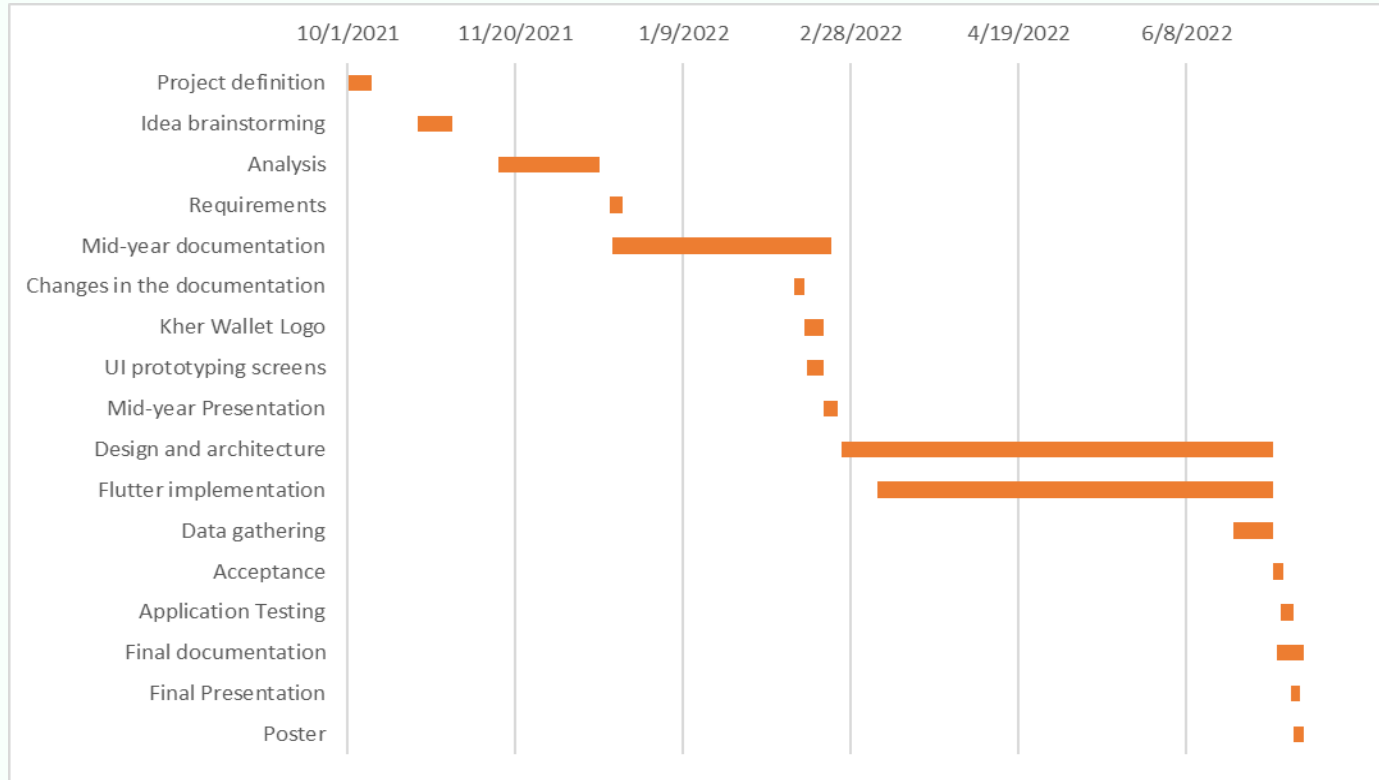
Time Plan

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





Git hub repository graph

TABLE OF CONTENTS

01

Project idea

Idea description and domain of interest.

02

Problem significance

Problems to be solved.

03

Project specifications

Requirements and important diagrams.

04

Time Plan

Tasks to be fulfilled.

05

Demo

Successive screenshots of our application.

06

Conclusion

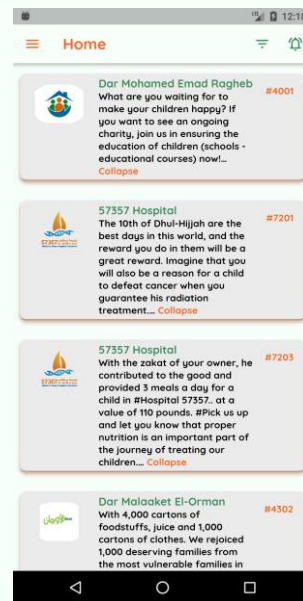
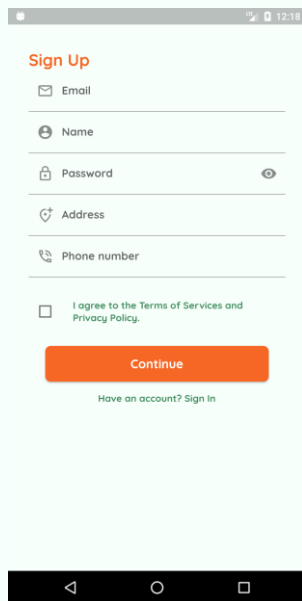
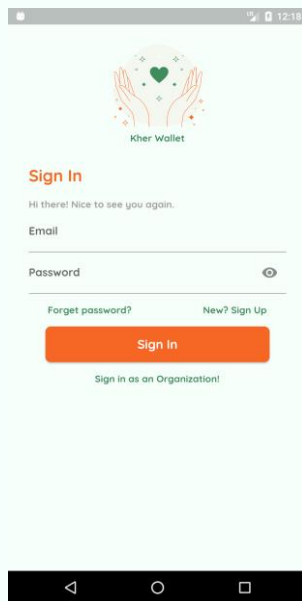
Conclusion to what we have said.



05

Demo

Successive screenshots of our
application.



Donator's demo

12:34

Sign Up

Email

Please enter a valid email

Name

Please enter a valid name

Password

Please enter a valid password

Address

Please enter a valid address

Phone number

Please enter a valid number

☐ I agree to the Terms of Services and Privacy Policy.

Continue

Have an account? Sign In

12:34

Sign Up

Email

Please enter a valid email

Name

Please enter a valid name

Password

Please enter a valid password

Please read our Terms and Privacy Policy


Ok

☐ I agree to the Terms of Services and Privacy Policy.

Continue

Have an account? Sign In

12:34



Kher Wallet

Sign In

Hi there! Nice to see you again.

Email

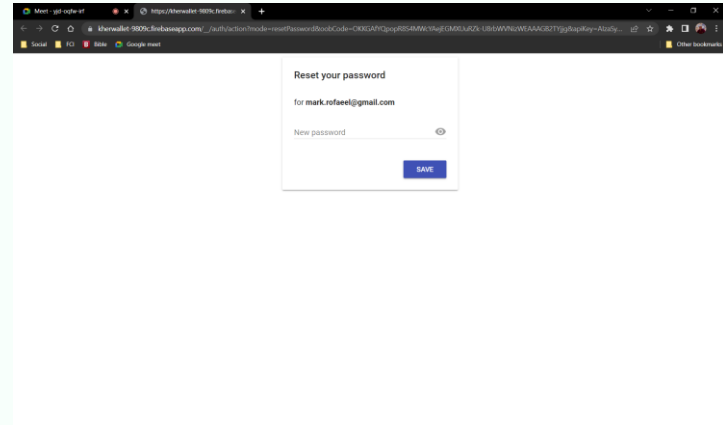
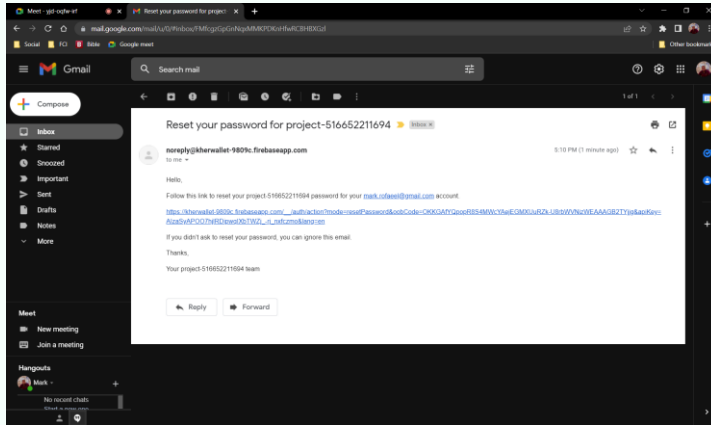
Forget password

Email will be send to mark.rofaeel@gmail.com

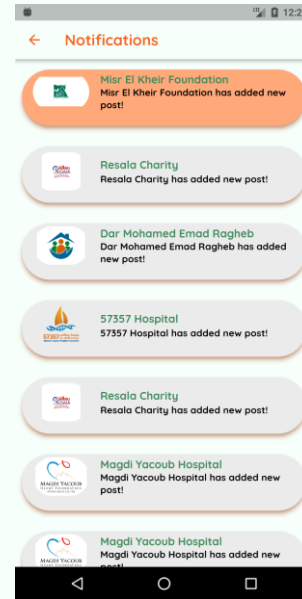
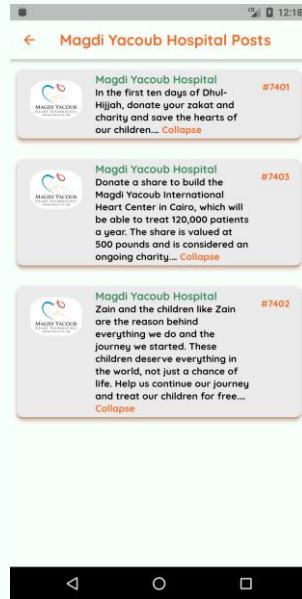
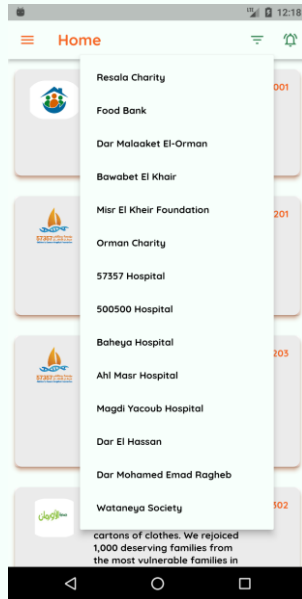
Cancel Ok

Sign in as an Organization!

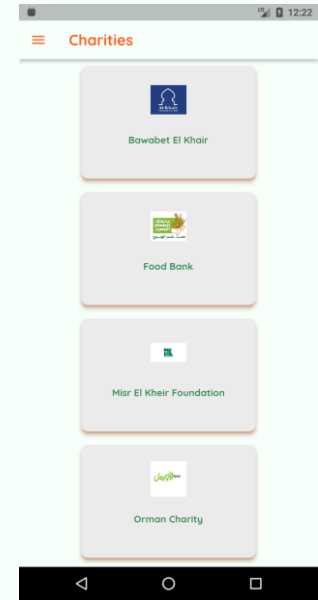
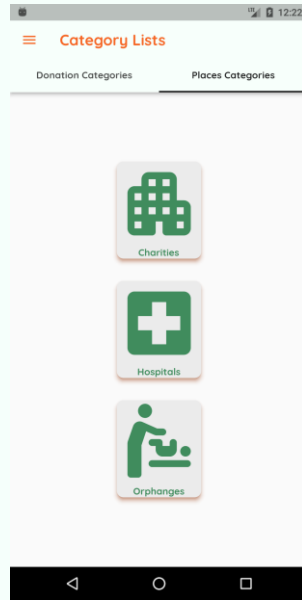
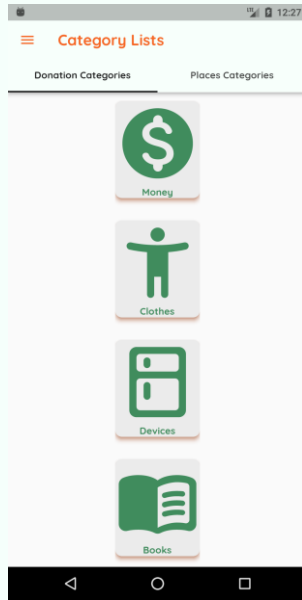
Donator's demo



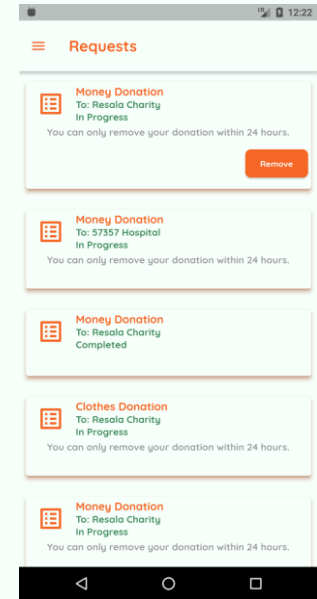
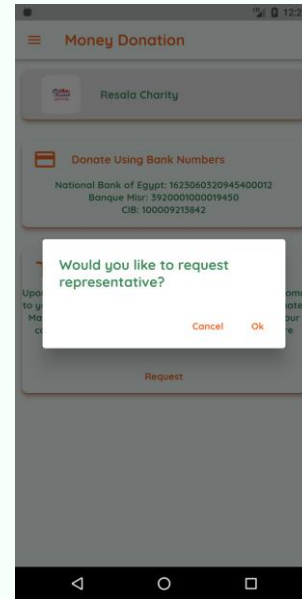
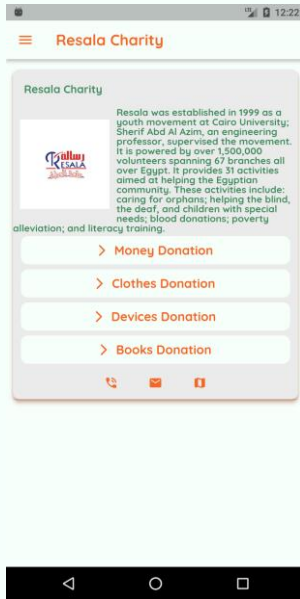
Donator's demo



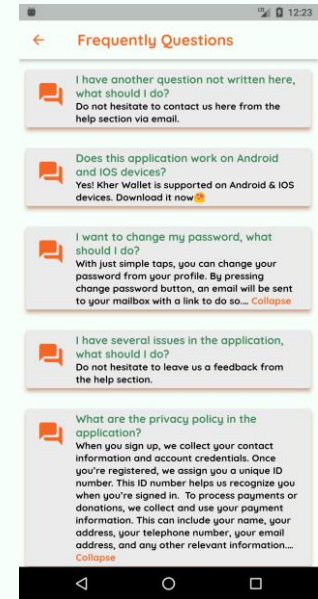
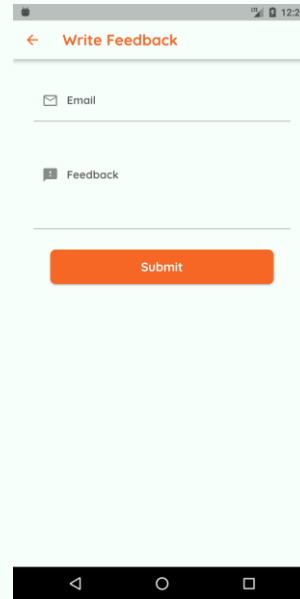
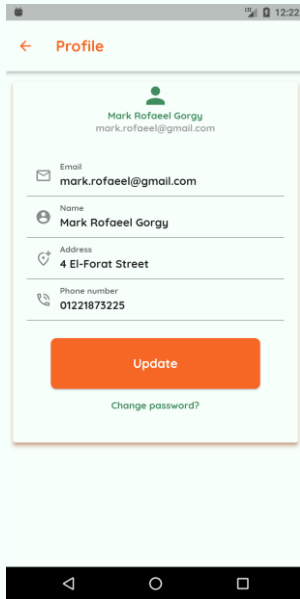
Donator's demo



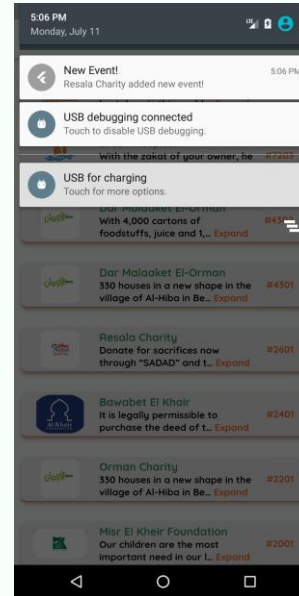
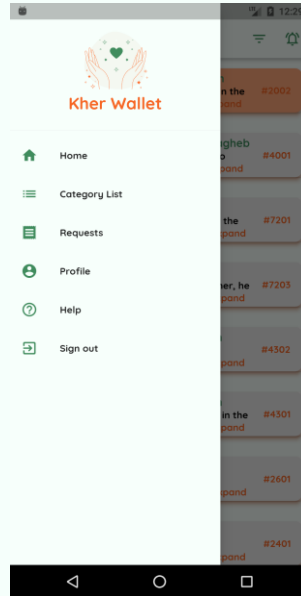
Donator's demo



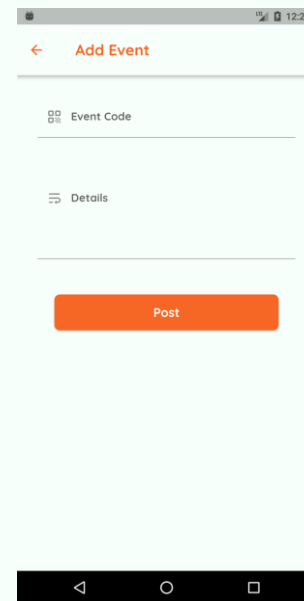
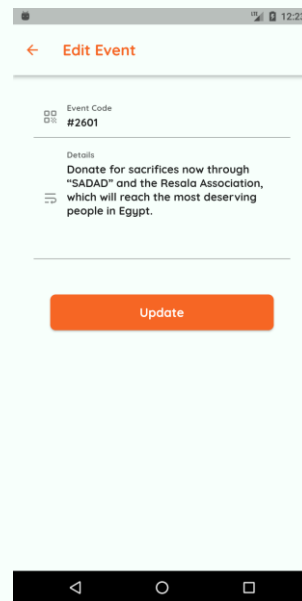
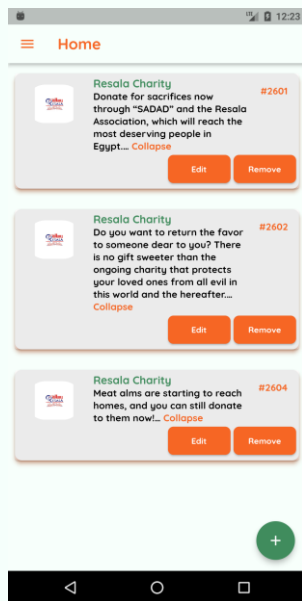
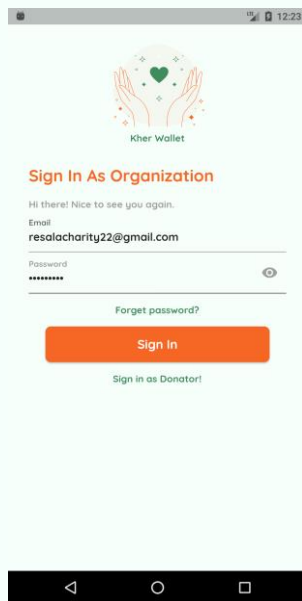
Donator's demo



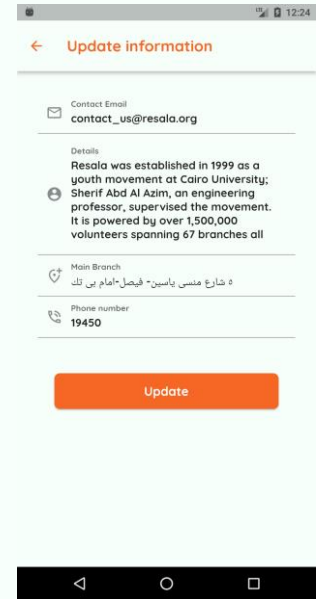
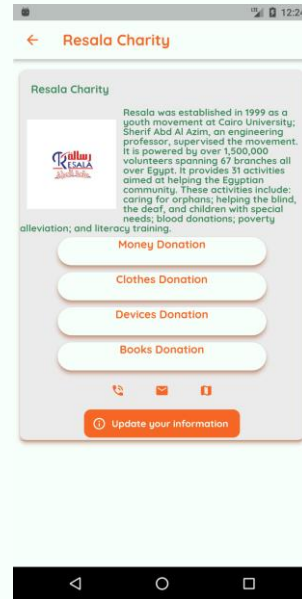
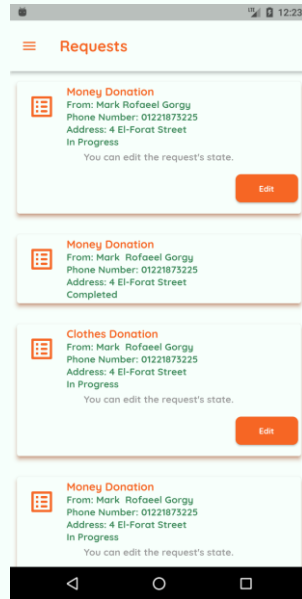
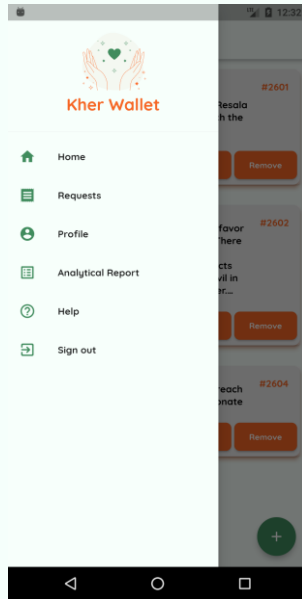
Donator's demo



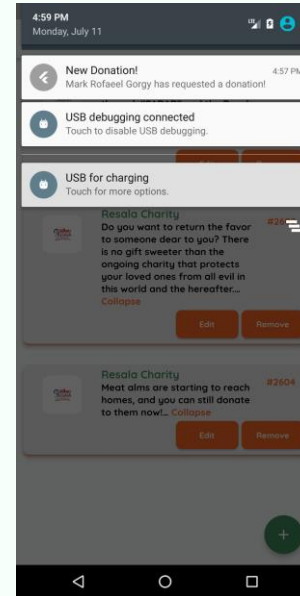
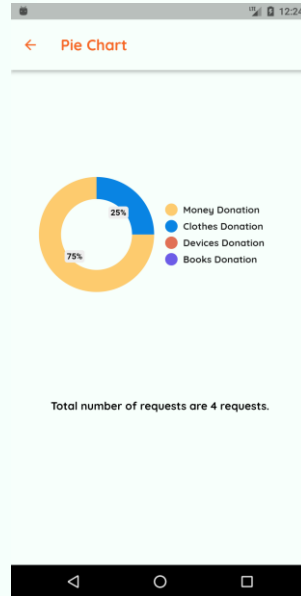
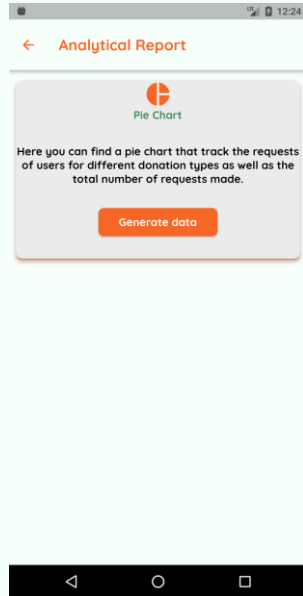
Donator's demo



Organization's demo



Organization's demo



Organization's demo

TABLE OF CONTENTS

01

Project idea

Idea description and domain of interest.

02

Problem significance

Problems to be solved.

03

Project specifications

Requirements and important diagrams.

04

Time Plan

Tasks to be fulfilled.

05

Demo

Successive screenshots of our application.

06

Conclusion

Conclusion to what we have said.



06

Conclusion

Conclusion to what we have
said.

THANKS!

Do you have any questions?

kherwallet@gmail.com



KHER WALLET

M o b i l e A p p
