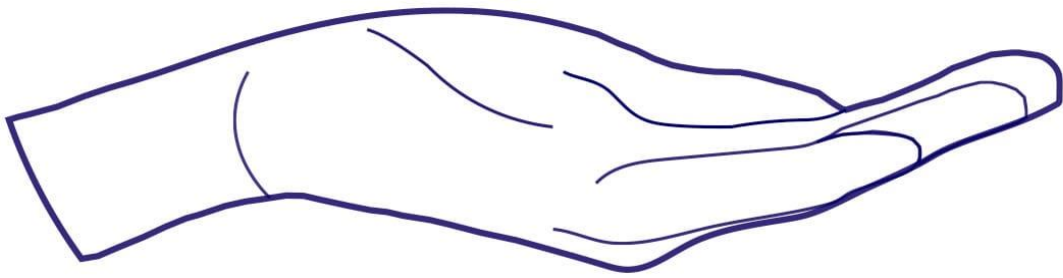


iCharitAble

helping the need



PROJECT DOCUMENTATION

ICHARITABLE WEBSITE

Group Project | Development Software | 28 MAY 2021

1. Group Members

Lerato Tlhako – 220035380

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1.2. PROBLEM

In South Africa, we have noticed a huge poverty problem where people are not able to provide for themselves the basic needs that all people have the right to have, like food, water, electricity and even provider shelter for themselves. A lot of people in these situations have been known to resort to criminal activities to try and support themselves in this regard but it usually leads to more harm than good.

1.3. SOLUTION

Due to the problem mentioned above, we have decided to create a donation web page which will allow South Africans who are privileged enough to have their needs supplemented, to give to those less fortunate. We want to alleviate the burdens that our people are carrying, however small, with this initiative we are taking.

1.3.1. OBJECTIVES

- To provide the donators an easier way to donate to the poor.
- To provide an effective communication between donators.
- To help the government notice the fake charities that promote human trafficking.
- To reduce the crime rate of these people in need.

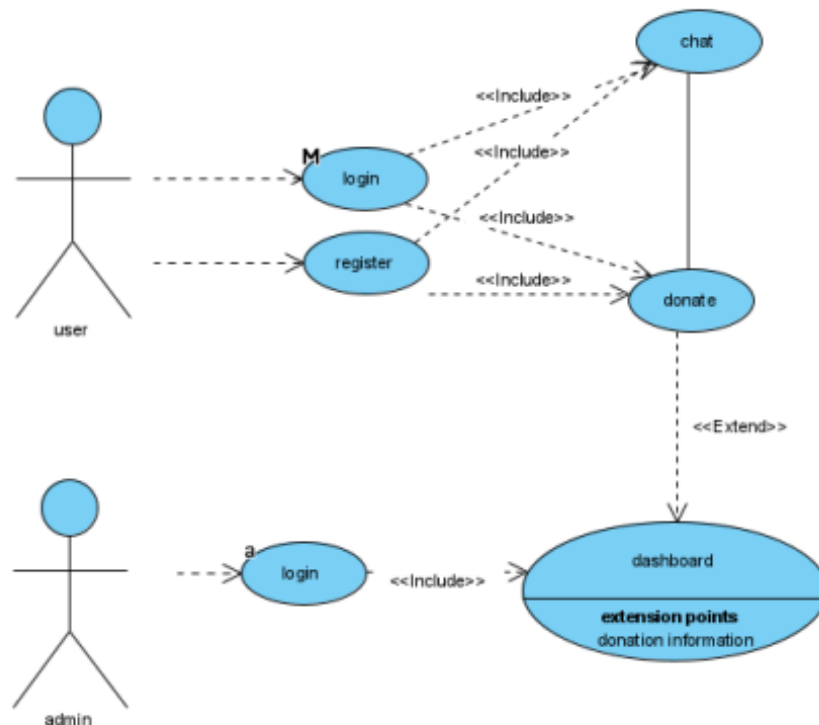
2. THE DESIGN

2.1. USE CASE

- Only users register their account.
- The users can choose which province they want to donate to.
- The user's form donation information is sent to the admin.
- Once the user has filled in the form there will be a notification that they donated to a certain province.
- The admin login and if the information filled by the user is valid, he/she doesn't delete it.
- The chat is available for users to interact in case they want to raise funds or donate things in bulk.

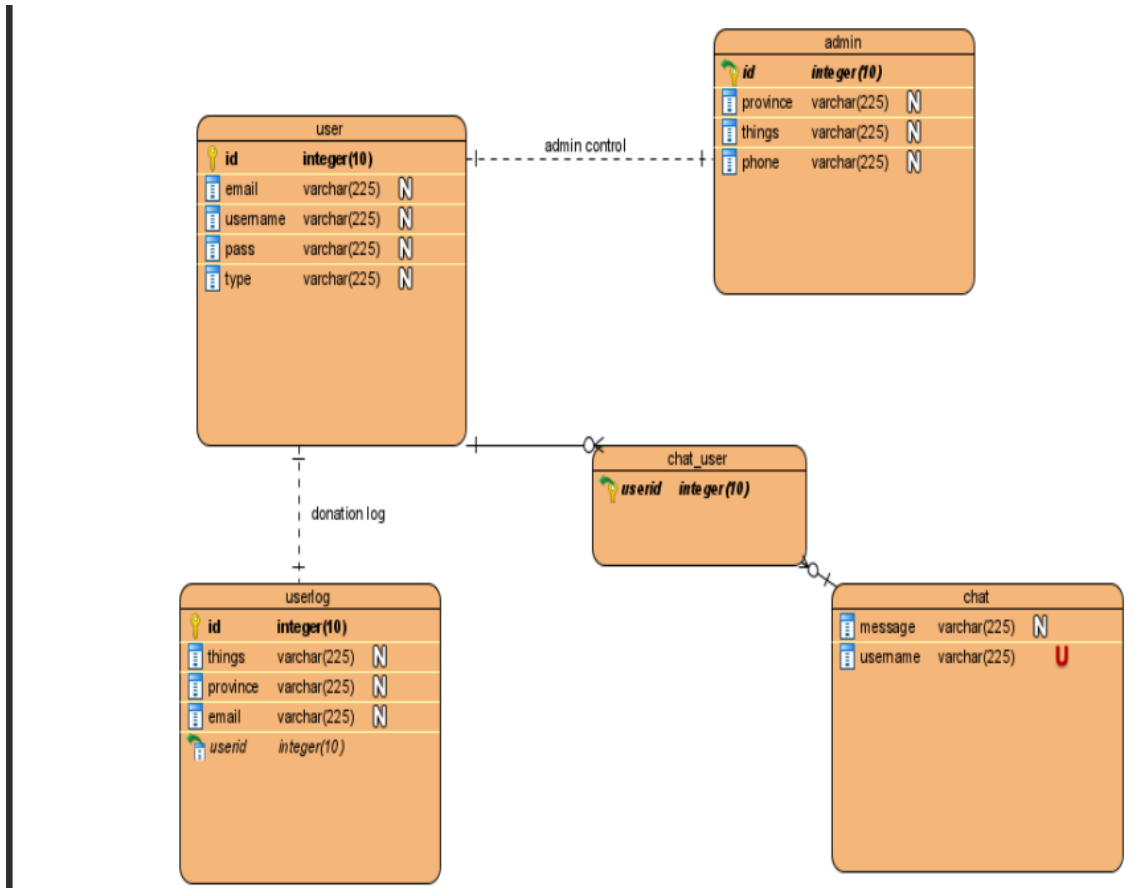
2.2. USE CASE DIAGRAM

Below is a use case diagram which demonstrates to us the user's interaction with the web app.




2.3. DATABASE TABLE

Below we have an ERD Diagram which represents the structure of our database in the database table.



3. SCREEN LAYOUT

3.1. USER AND ADMIN'S FIRST SCREEN



Welcome to IcharitAble System

REGISTER HERE

Email

Password


require more than 6 characters

LOGIN

©2021-IcharitAble app

This is the landing page of the web application. This is the first screen that appears after clicking the link, which will lead to this web application.

3.2. REGISTRATION PAGE



IcharitAble Registration system

LOGIN HERE

Username

Email

Password

require more than 6 characters

REGISTER

©2021-IcharitAble app

This is the registration page where the user creates an account using their email and the username of their choice.



iCharitAble Registration system

LOGIN HERE

Username

Lerato

Email

Lerato@gmail.

invalid email

Password

password is too short ,range is 6-10

REGISTER

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This is what will be displayed if the user inputs an invalid email and a password length that is below 6 and above 10.



Donate

Chat

LOGOUT

Donate Here...

Select A Province

Select Province



Things To Donate

Phone Number

SUBMIT

After the user has registered and met the email and password requirements, the web application will land the user to the donation page where the user will fill in the form if they want to donate.

[Donate](#) [Chat](#)[LOGOUT](#)

Lerato

Hi everyone. Is there anyone who is around North West to deliver some things to the charity. I am having transport issues to deliver them

This the chat page where users/ donators interact. If they are planning an event(fundraising) they can plan it online. For example, like the user Lerato has transport issues but wants to donate things around North west so a donator around North West may be a helping hand to Lerato

 [SEND](#)[Donate](#) [Chat](#) [LOGOUT](#)

DONATED TO NORTHERN CAPE

food clothes

DONATED TO WESTERN CAPE

blankets and money

Donate Here...

Select A Province

Select Province


Things To Donate

Phone Number

SUBMIT

After the user donated. On the left side will be what the user donated and which province are they donating to.

4. ADMIN'S SCREEN



Welcome to iCharitAble System

REGISTER HERE


Email
admin@charity.com

Password

LOGIN

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This login screen for both user and admin. Here the admin is logging in.



ADMIN LOGOUT

update password

UPDATE

ID	CONTACT	PROVINCE	THINGS TO DONATE	DELETE
1	0788522296	Northern Cape	food clothes	DELETE
2	08755985598	Western Cape	blankets and money	DELETE
3	0785542251	North West	food, clothes, money	DELETE

After the admin logs in. Whatever the user/ donator donates will be viewed by the admin and if it does not have valid things to donate or false numbers then the will delete them

iCharitable

localhost says
row deleted

OK

update password

UPDATE

ID	CONTACT	PROVINCE	THINGS TO DONATE	DELETE
1	0788522296	Northern Cape	food clothes	DELETE
2	08755985598	Western Cape	blankets and money	DELETE
3	0785542251	North West	food, clothes, money	DELETE

This is what will be displayed when the admin deletes a row

iCharitable

localhost says
Admin password is updated

OK

update password

123456

UPDATE

ID	CONTACT	PROVINCE	THINGS TO DONATE	DELETE
1	08755985598	Western Cape	blankets and money	DELETE
2	0785542251	North West	food, clothes, money	DELETE

After the admin updates the password a notification will be displayed.