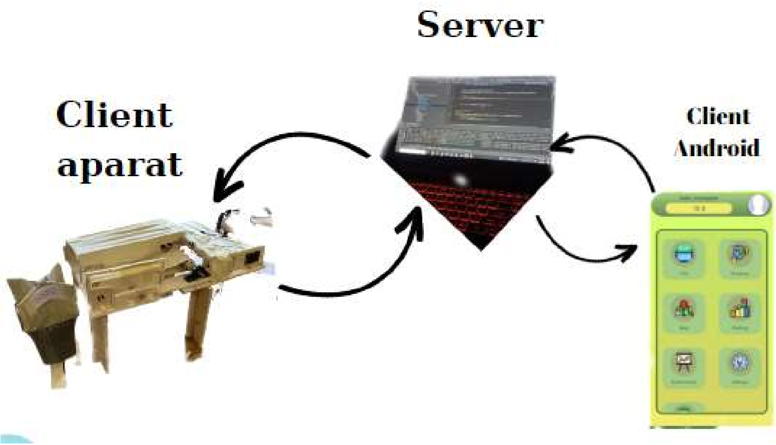
Ciurezu Gheorghe-Dragos – Relevant Projects

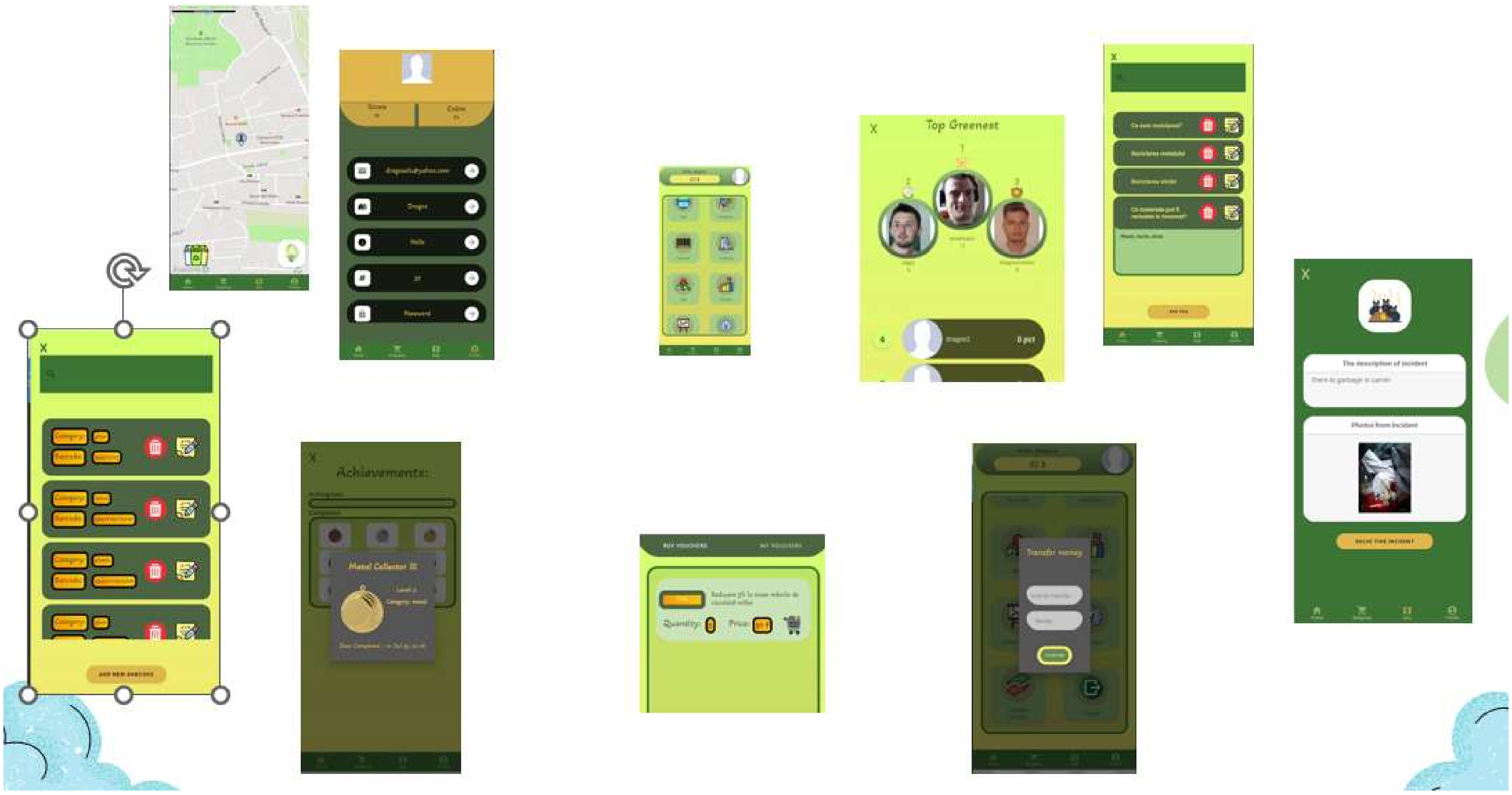
1. GreenLight – final degree project

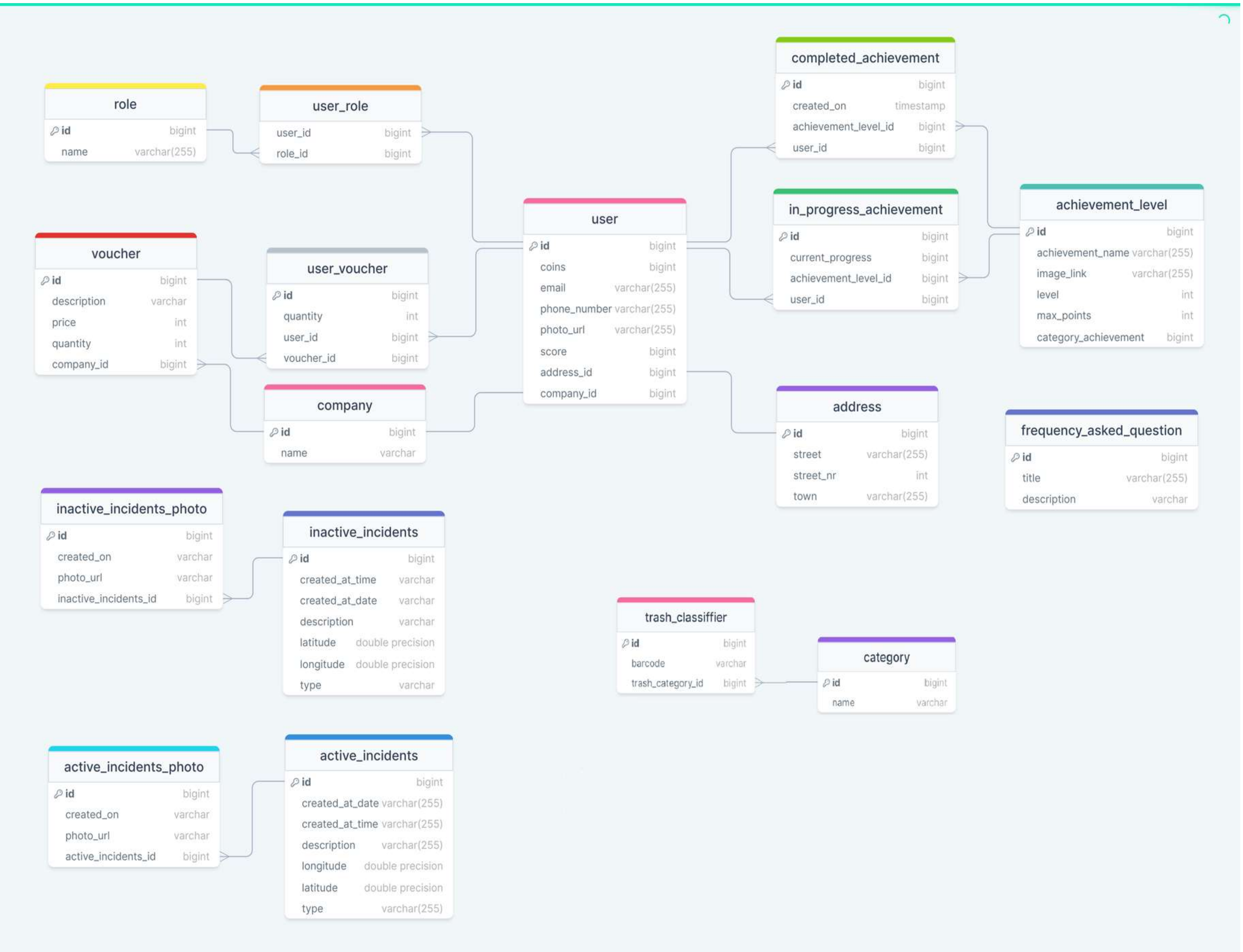
The server component connects to a relational database (PostgreSQL) to store various data and to Google Cloud Platform (GCP) for storing images. Regarding security, "Java Web Token" has been utilized, along with role-based access control, following a service-repository architecture.

A vending machine is capable of scanning product barcodes, triggering a request to the server to determine the appropriate category for proper placement. Furthermore, users can interact with the system to update various data, such as personal achievements and finances.



The application showcases personal achievements, financial status, discount tickets for various companies, incident reporting on a map, and their subsequent resolution.





role	
id	bigint
name	varchar(255)

user_role	
user_id	bigint
role_id	bigint

completed_achievement	
id	bigint
created_on	timestamp
achievement_level_id	bigint
user_id	bigint

user	
id	bigint
coins	bigint
email	varchar(255)
phone_number	varchar(255)
photo_url	varchar(255)
score	bigint
address_id	bigint
company_id	bigint

in_progress_achievement	
id	bigint
current_progress	bigint
achievement_level_id	bigint
user_id	bigint

achievement_level	
id	bigint
achievement_name	varchar(255)
image_link	varchar(255)
level	int
max_points	int
category_achievement	bigint

voucher	
id	bigint
description	varchar
price	int
quantity	int
company_id	bigint

user_voucher	
id	bigint
quantity	int
user_id	bigint
voucher_id	bigint

company	
id	bigint
name	varchar

address	
id	bigint
street	varchar(255)
street_nr	int
town	varchar(255)

frequency_asked_question	
id	bigint
title	varchar(255)
description	varchar

inactive_incidents_photo	
id	bigint
created_on	varchar
photo_url	varchar
inactive_incidents_id	bigint

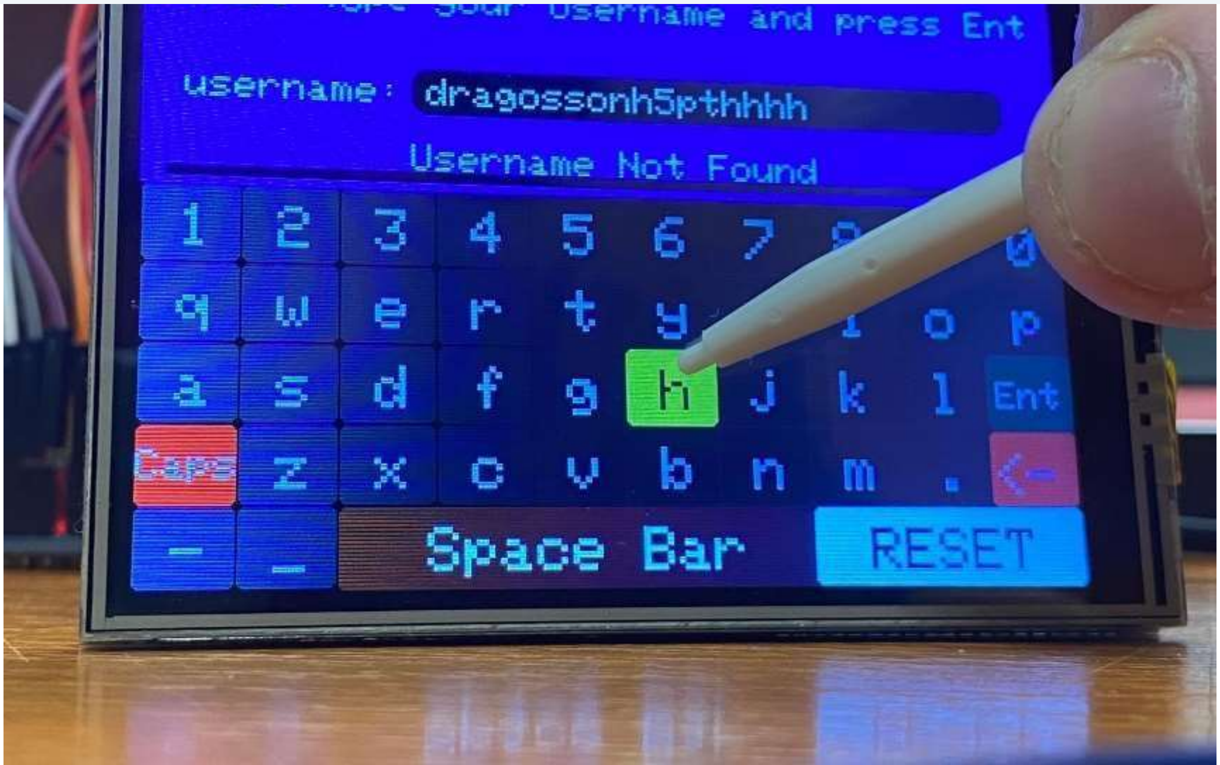
inactive_incidents	
id	bigint
created_at_time	varchar
created_at_date	varchar
description	varchar
latitude	double precision
longitude	double precision
type	varchar

trash_classiffier	
id	bigint
barcode	varchar
trash_category_id	bigint

category	
id	bigint
name	varchar

active_incidents_photo	
id	bigint
created_on	varchar
photo_url	varchar
active_incidents_id	bigint

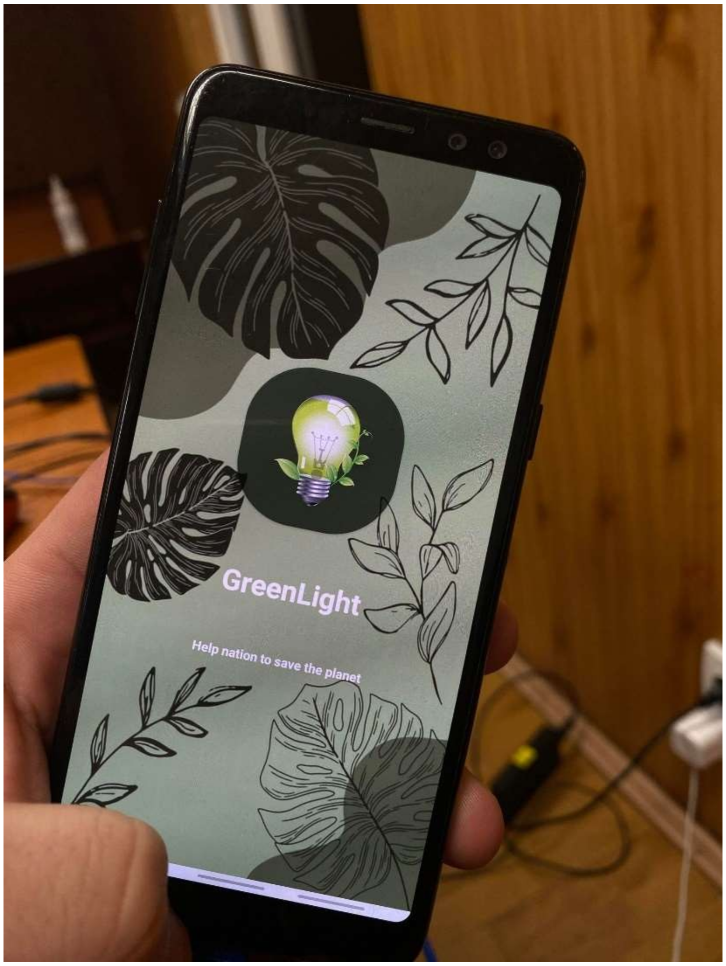
active_incidents	
id	bigint
created_at_date	varchar(255)
created_at_time	varchar(255)
description	varchar(255)
longitude	double precision
latitude	double precision
type	varchar(255)

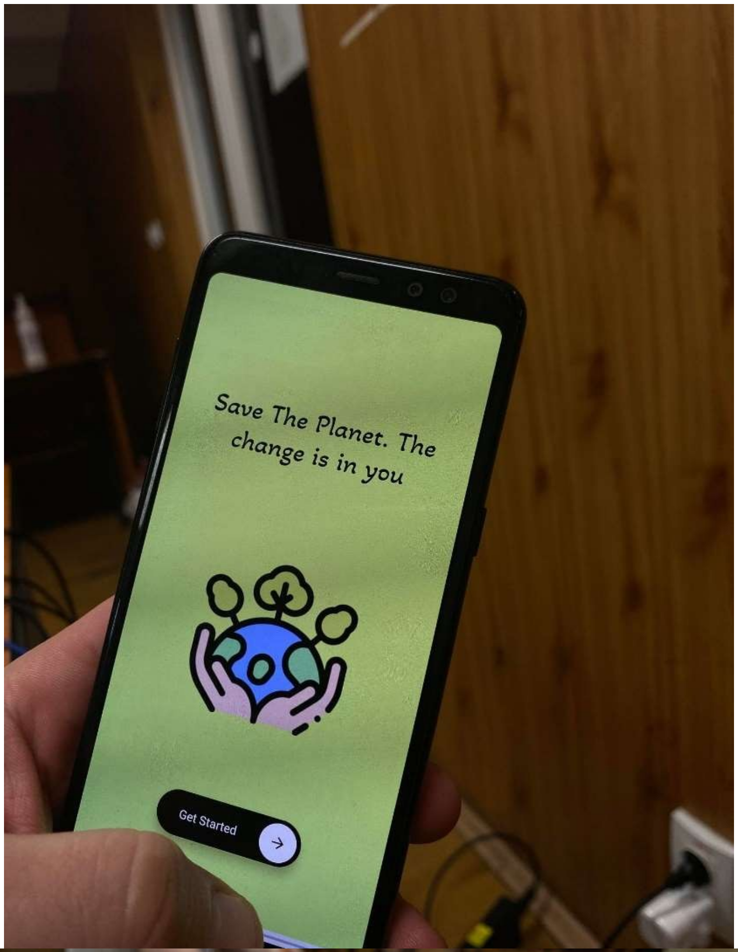


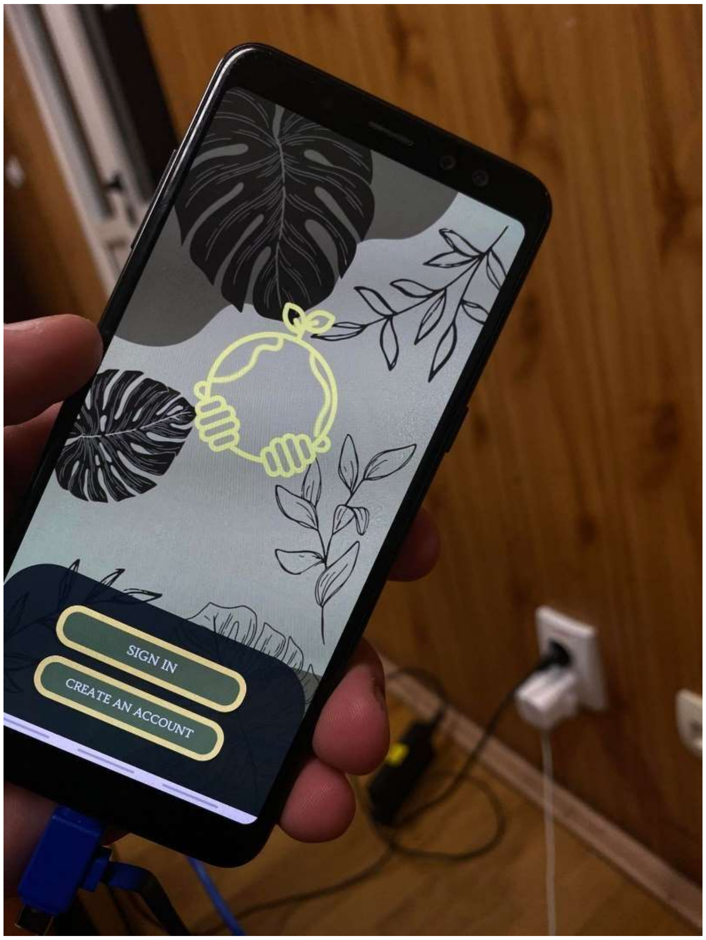
Type your Username and press Ent

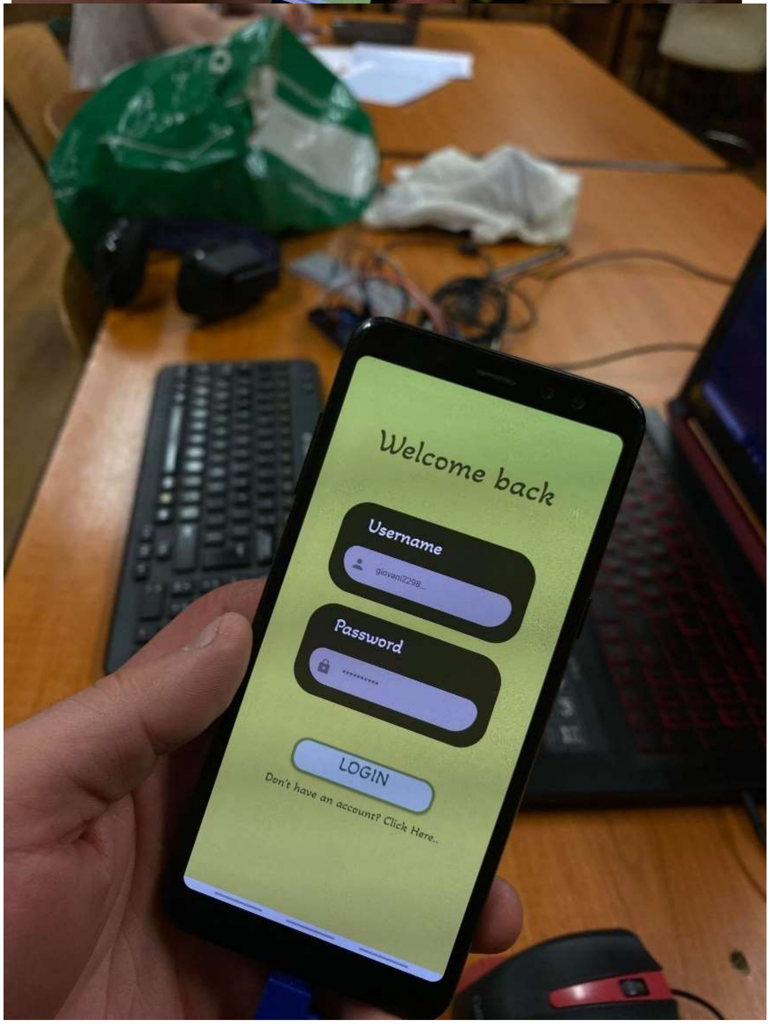
username: dragossonh5pthhhh

Username Not Found


GreenLight
Help nation to save the planet


Save The Planet. The change is in you
Get Started


SIGN IN
CREATE AN ACCOUNT

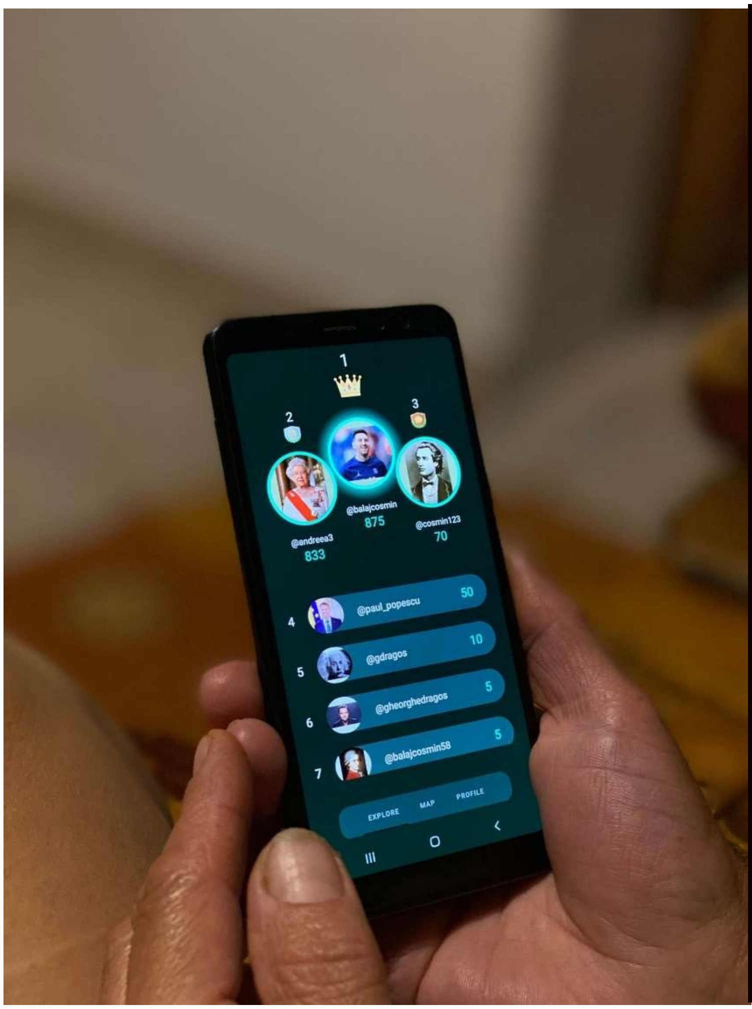

Welcome back
Username
giovani2298...
Password
LOGIN
Don't have an account? Click Here..

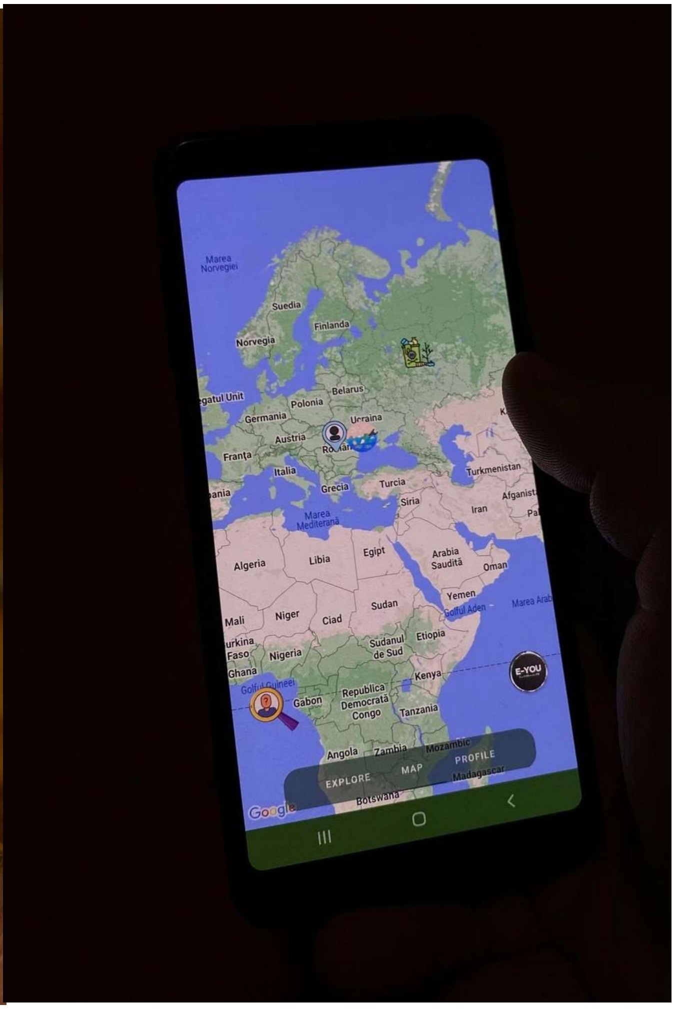
2.E-You APP

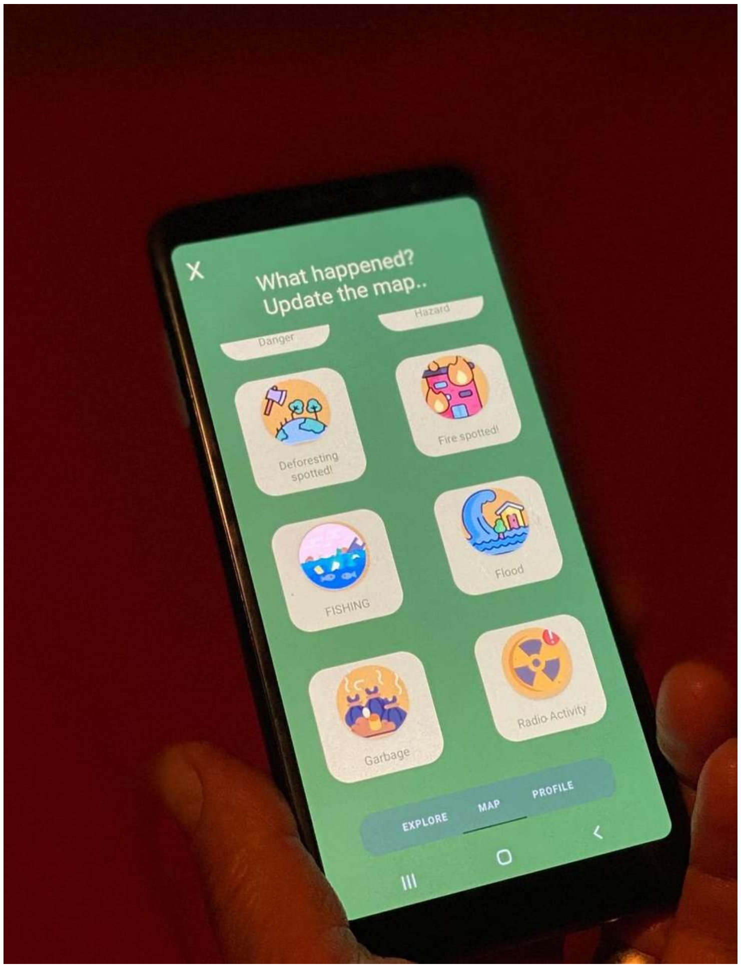
In this project, Java was the programming language of choice, along with several libraries such as Retrofit2 for simplified API access, Glide for loading images via a link, and Dagger2 for dependency injection The project's primary objective was to enhance the environment by enabling users to monitor natural disasters in their vicinity through markers displayed on a map. When a user clicks on a marker, they can view any relevant details or images provided by the individual who posted it.

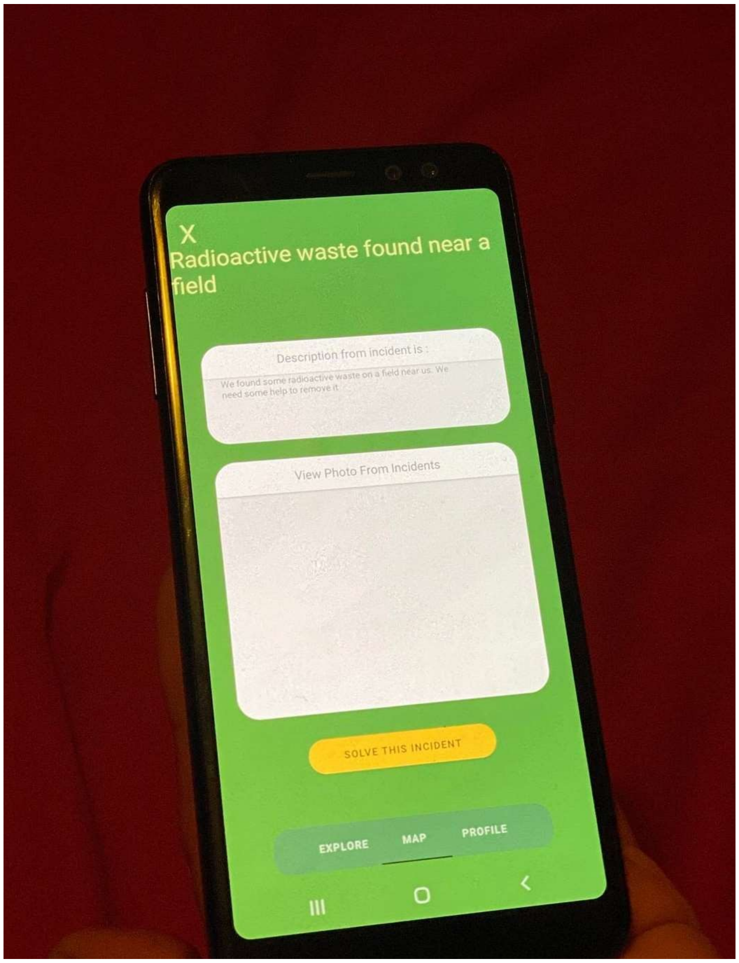
Moreover, other users can aid in resolving the disaster, such as putting out a fire. Once the incident has been resolved, all contributing participants will receive points. These points will be listed on a ranking section visible to all users.

I used MVVM as architecture.


1
2
3
@balajcosmin
875
@andreea3
833
@cosmin123
70
4 @paul_popescu 50
5 @gdragos 10
6 @gheorghedragos 5
7 @balajcosmin58 5
EXPLORE
MAP
PROFILE

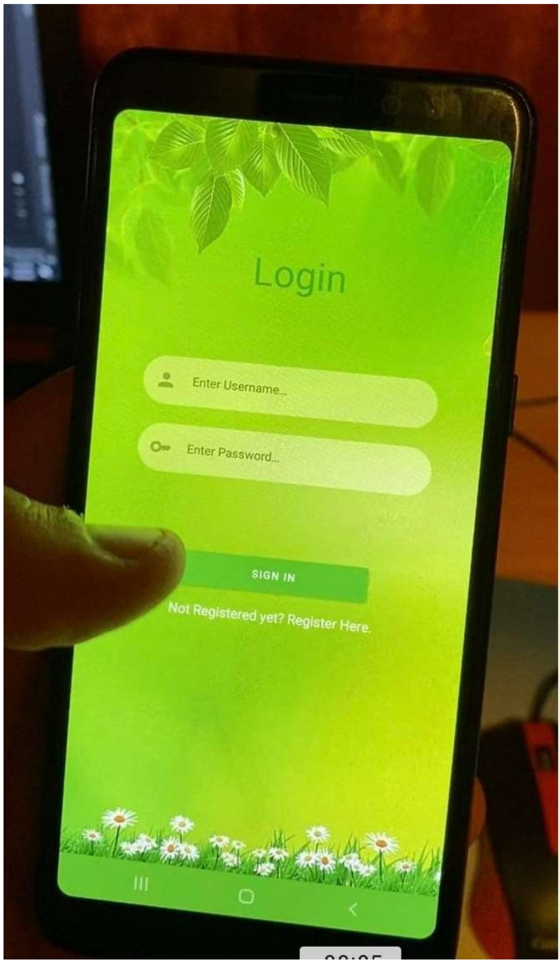

Marea Norvegiei
Suedia
Finlanda
Norvegia
Belarus
Polonia
Germania
Ucraina
Austria
Franța
Italia
Grecia
Turcia
Siria
Iran
Turkmenistan
Marea Mediterană
Algeria
Libia
Egipt
Arabia Saudită
Oman
Mali
Niger
Ciad
Sudan
Yemen
Golful Aden
Marea Arab
Nigeria
Sudanul de Sud
Etiopia
Ghana
Golful Guineei
Gabon
Republica Democrată Congo
Kenya
Tanzania
Angola
Zambia
Mozambic
Madagascar
Botswana
E-YOU
EXPLORE
MAP
PROFILE
Google

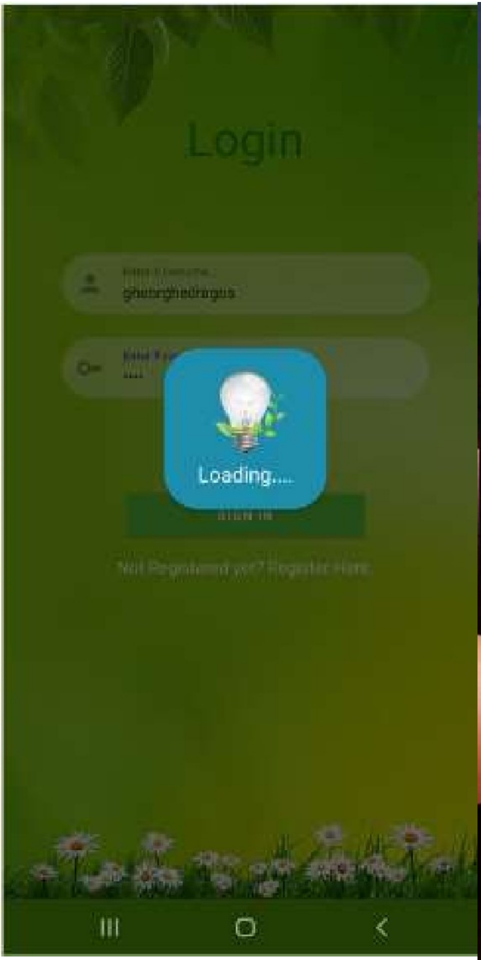


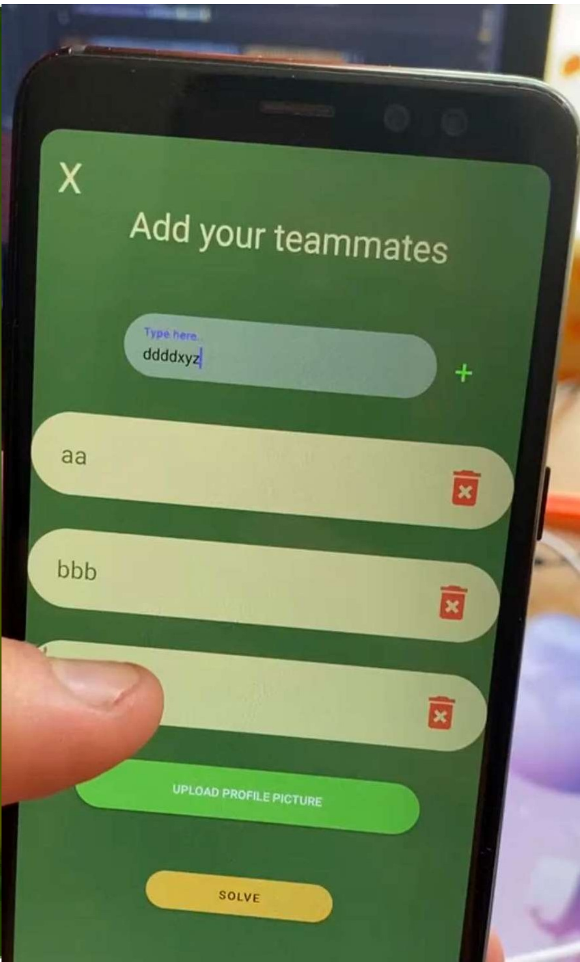

Radioactive waste found near a field

Description from incident is :

We found some radioactive waste on a field near us. We need some help to remove it.







3. NFT Monitoring APP

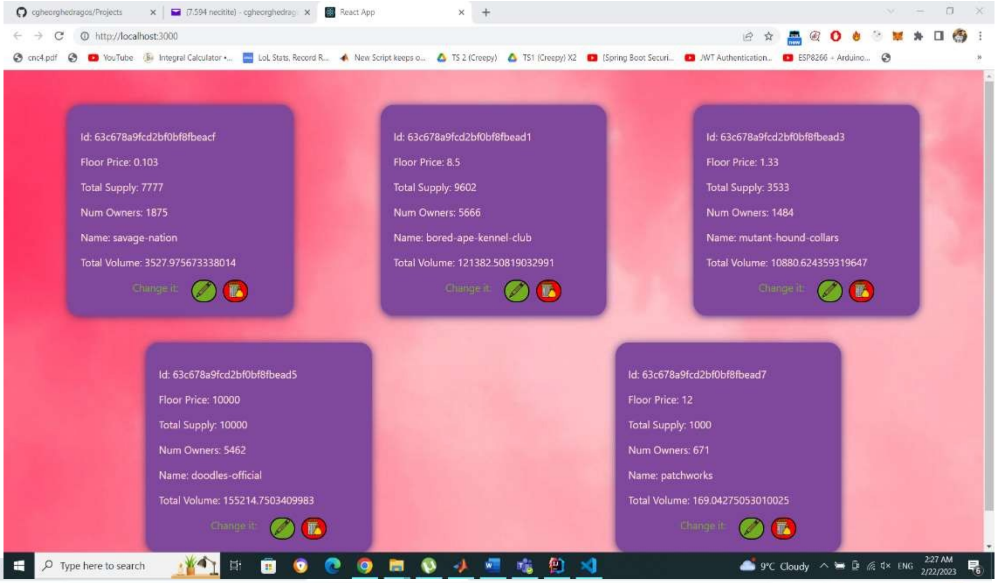
This application utilizes node js, react, and react-native programming languages. It is a straightforward application that saves NFT collections and queries them through OpenSea every 15 minutes using a cron job. The additional data obtained is then saved in a MongoDB database.

The mobile application allows users to select an NFT collection for monitoring. Once selected, the app will use a cron job to check the saved price against the current price every minute. If the price drops by 10%, the user will be notified via SMS to a phone number, implemented using the Twilio library.

The web application's primary function is to display and edit data stored in the database.

The design pattern used is model-service-controller.

The server is used to show the endpoints for each functionality



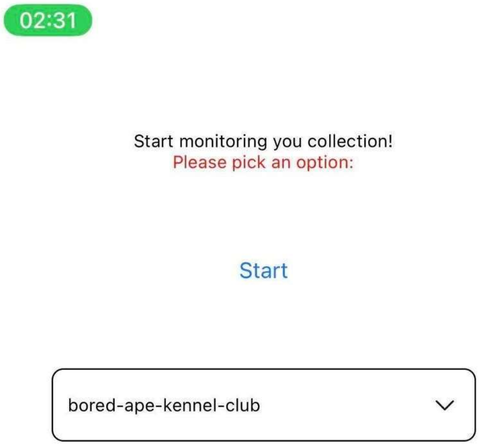
Id: 63c678a9fcd2bf0bf8fbeacf
Floor Price: 0.103
Total Supply: 7777
Num Owners: 1875
Name: savage-nation
Total Volume: 3527.975673338014
Change it:

Id: 63c678a9fcd2bf0bf8fbead1
Floor Price: 8.5
Total Supply: 9602
Num Owners: 5666
Name: bored-ape-kennel-club
Total Volume: 121382.50819032991
Change it:

Id: 63c678a9fcd2bf0bf8fbead3
Floor Price: 1.33
Total Supply: 3533
Num Owners: 1484
Name: mutant-hound-collars
Total Volume: 10880.624359319647
Change it:

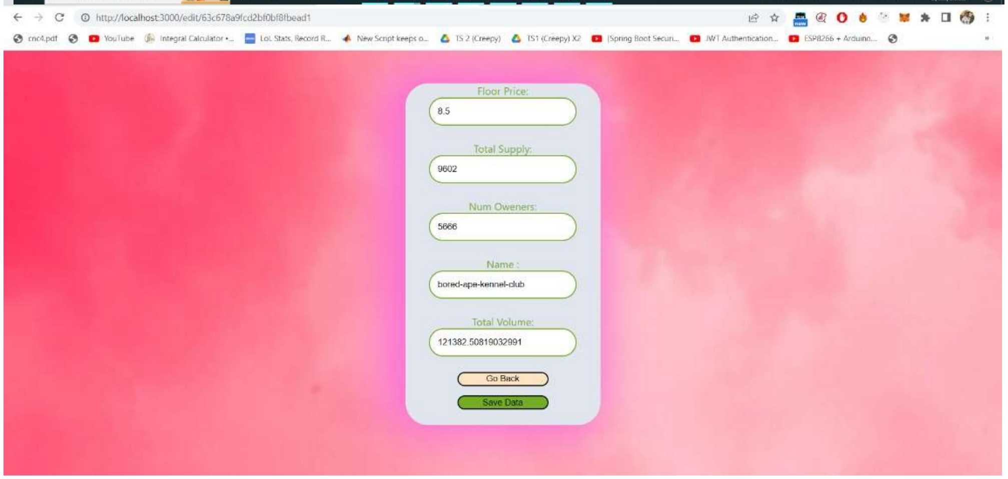
Id: 63c678a9fcd2bf0bf8fbead5
Floor Price: 10000
Total Supply: 10000
Num Owners: 5462
Name: doodles-official
Total Volume: 155214.7503409983
Change it:

Id: 63c678a9fcd2bf0bf8fbead7
Floor Price: 12
Total Supply: 1000
Num Owners: 671
Name: patchworks
Total Volume: 169.04275053010025
Change it:



Start monitoring you collection!
Please pick an option:

bored-ape-kennel-club



Floor Price: 8.5

Total Supply: 9602

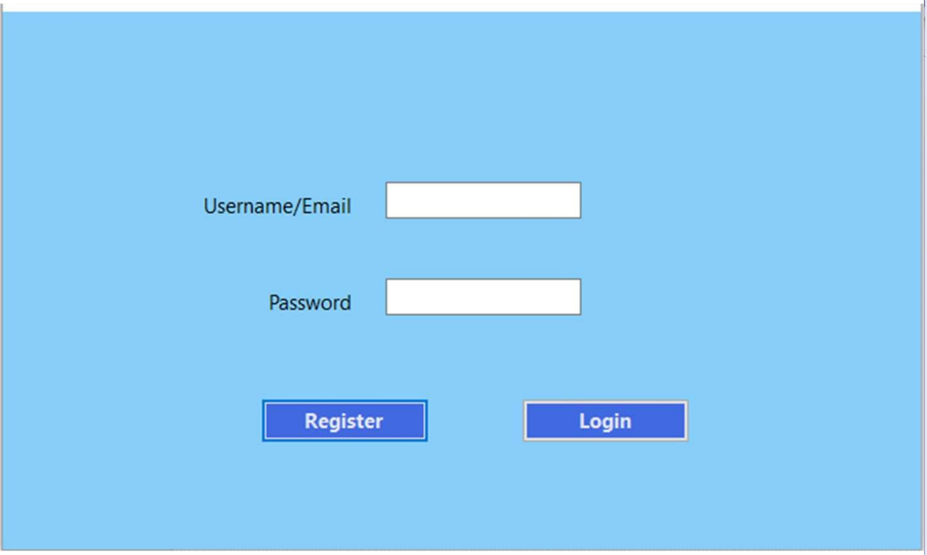
Num Oweners: 5666

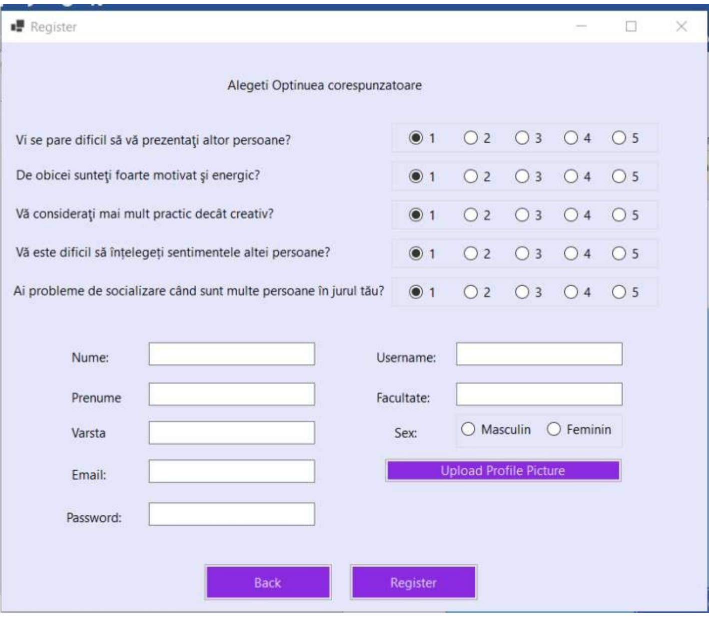
Name : bored-ape-kennel-club

Total Volume: 121382.50819032991

4. BFFinder Chat APP

This application has the role of integrating students into different groups. Each student can create a new group or join an existing one. And to be able to communicate with other students in those groups. C# was used as the programming language. The client sent messages through Sockets to the server, under a packet of bits.





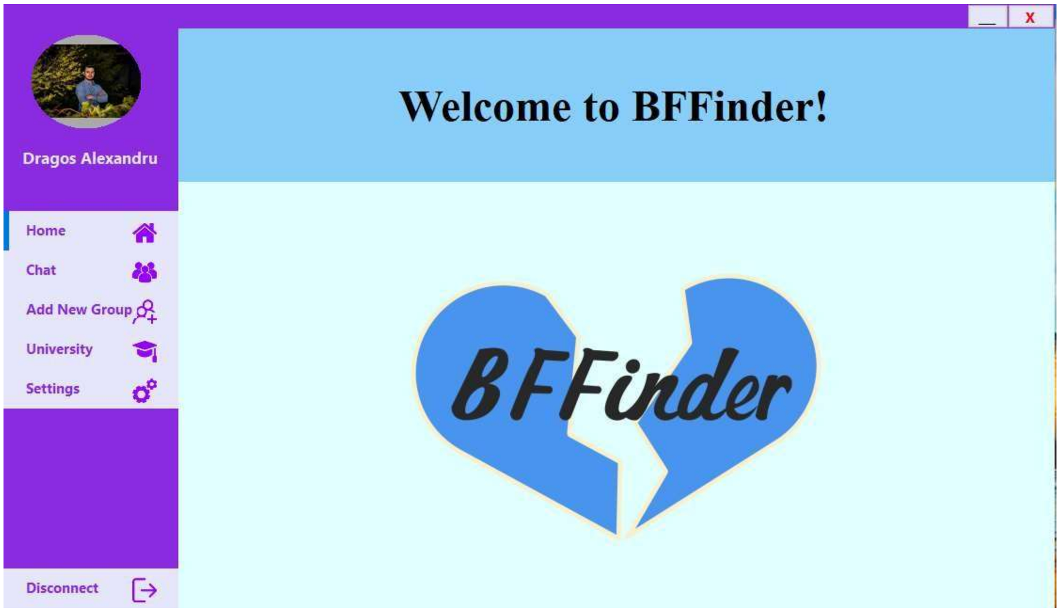
Vi se pare dificil să vă prezentaţi altor persoane? ● 1 ○ 2 ○ 3 ○ 4 ○ 5

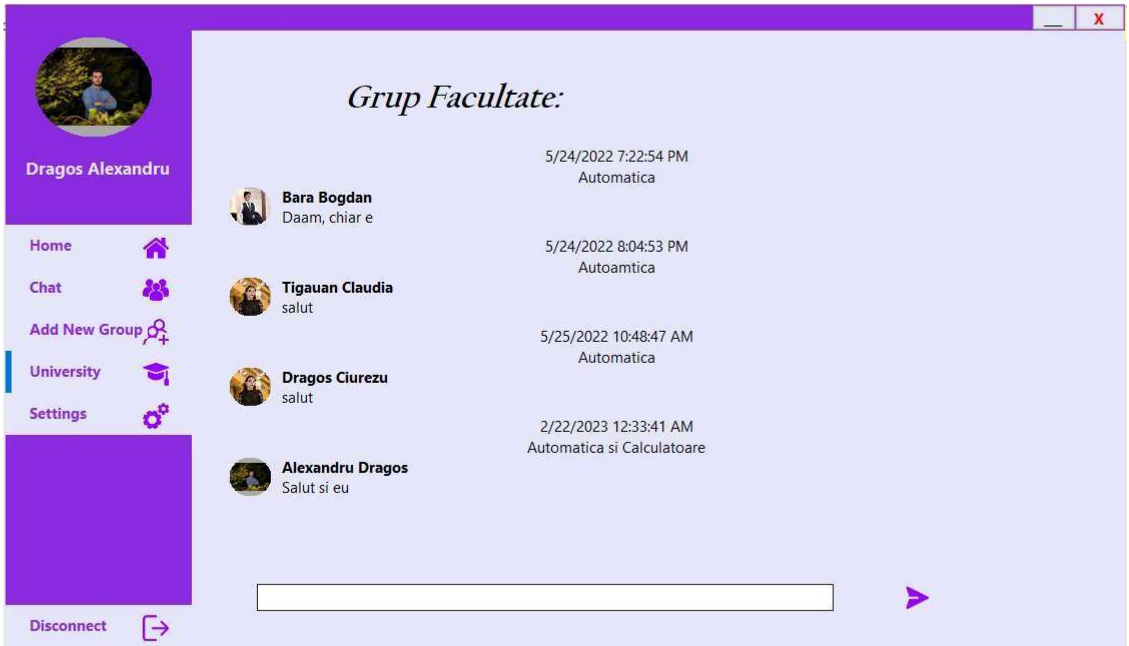
De obicei sunteţi foarte motivat şi energic? ● 1 ○ 2 ○ 3 ○ 4 ○ 5

Vă consideraţi mai mult practic decât creativ? ● 1 ○ 2 ○ 3 ○ 4 ○ 5

Vă este dificil să înţelegeţi sentimentele altei persoane? ● 1 ○ 2 ○ 3 ○ 4 ○ 5

Ai probleme de socializare când sunt multe persoane în jurul tău? ● 1 ○ 2 ○ 3 ○ 4 ○ 5





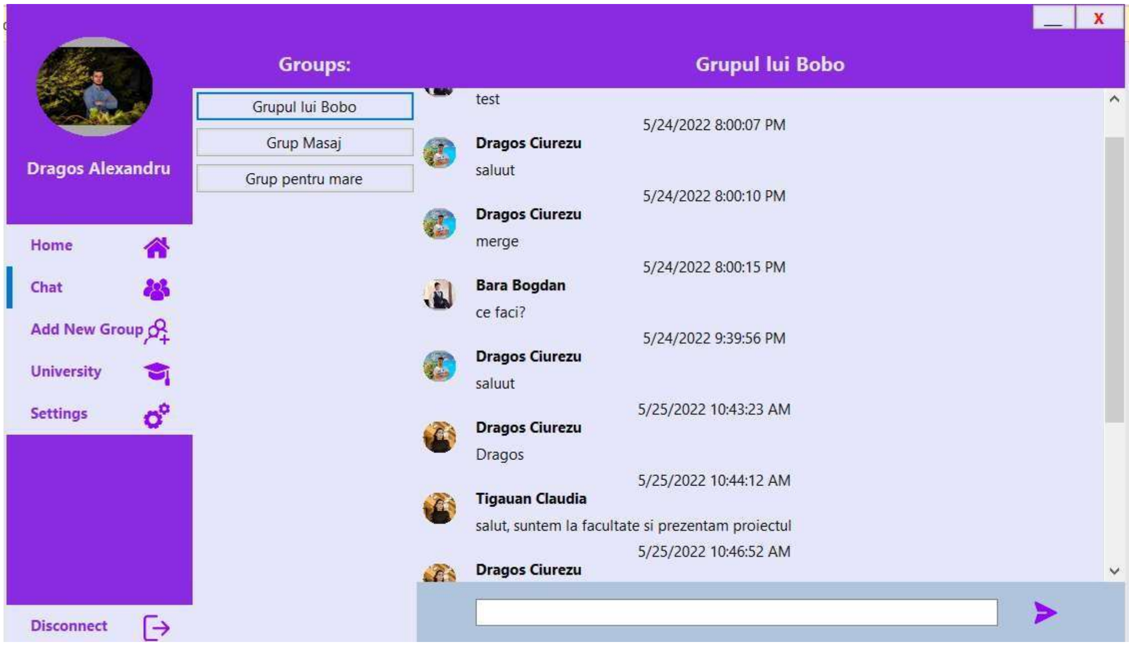
Grup Facultate:

5/24/2022 7:22:54 PM
Automatica
Bara Bogdan
Daam, chiar e

5/24/2022 8:04:53 PM
Autoamtica
Tigauan Claudia
salut

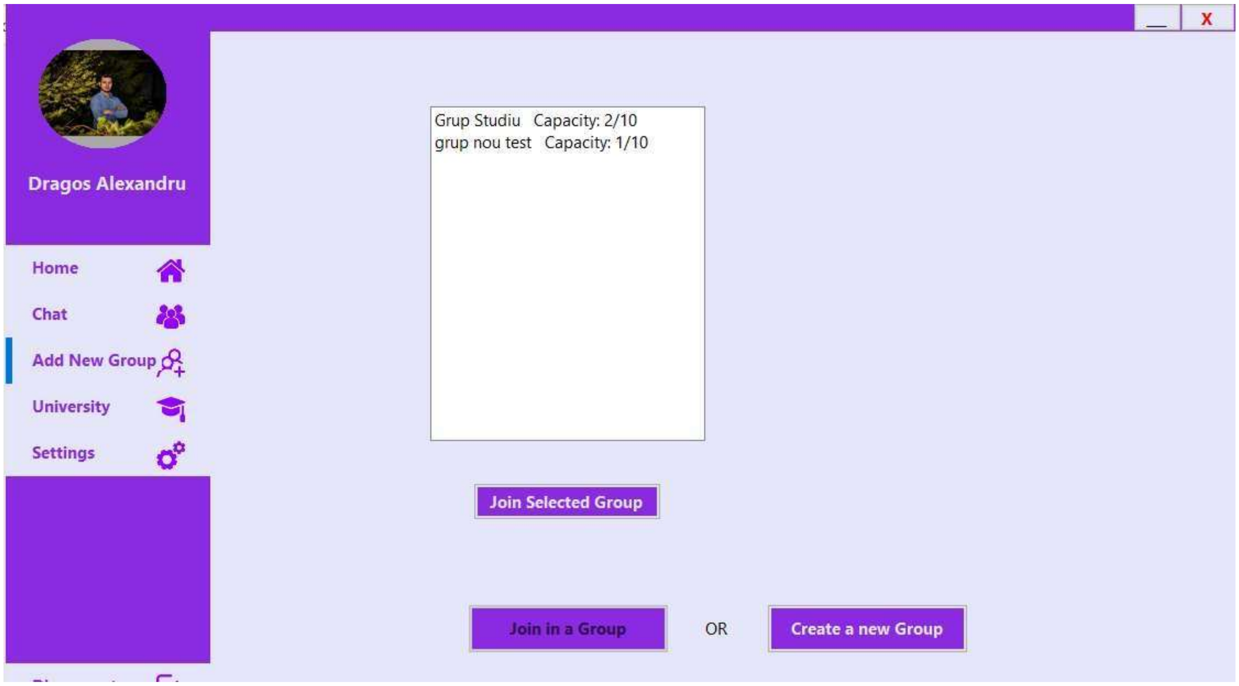
5/25/2022 10:48:47 AM
Automatica
Dragos Ciurezu
salut

2/22/2023 12:33:41 AM
Automatica si Calculatoare
Alexandru Dragos
Salut si eu



Grupul lui Bobo

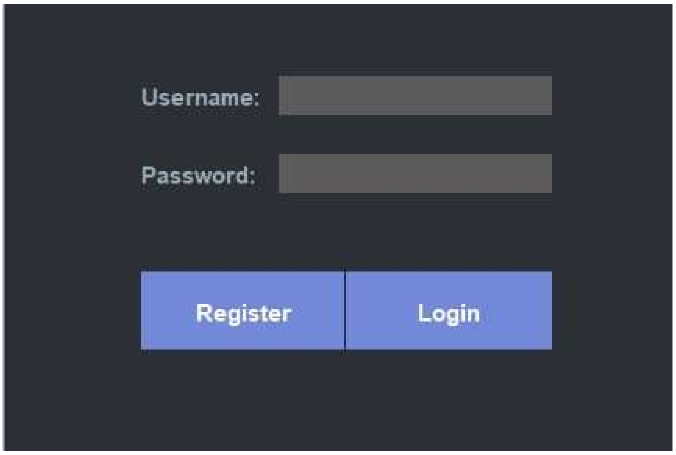
test
5/24/2022 8:00:07 PM
Dragos Ciurezu
saluut
5/24/2022 8:00:10 PM
Dragos Ciurezu
merge
5/24/2022 8:00:15 PM
Bara Bogdan
ce faci?
5/24/2022 9:39:56 PM
Dragos Ciurezu
saluut
5/25/2022 10:43:23 AM
Dragos Ciurezu
Dragos
5/25/2022 10:44:12 AM
Tigauan Claudia
salut, suntem la facultate si prezentam proiectul
5/25/2022 10:46:52 AM
Dragos Ciurezu

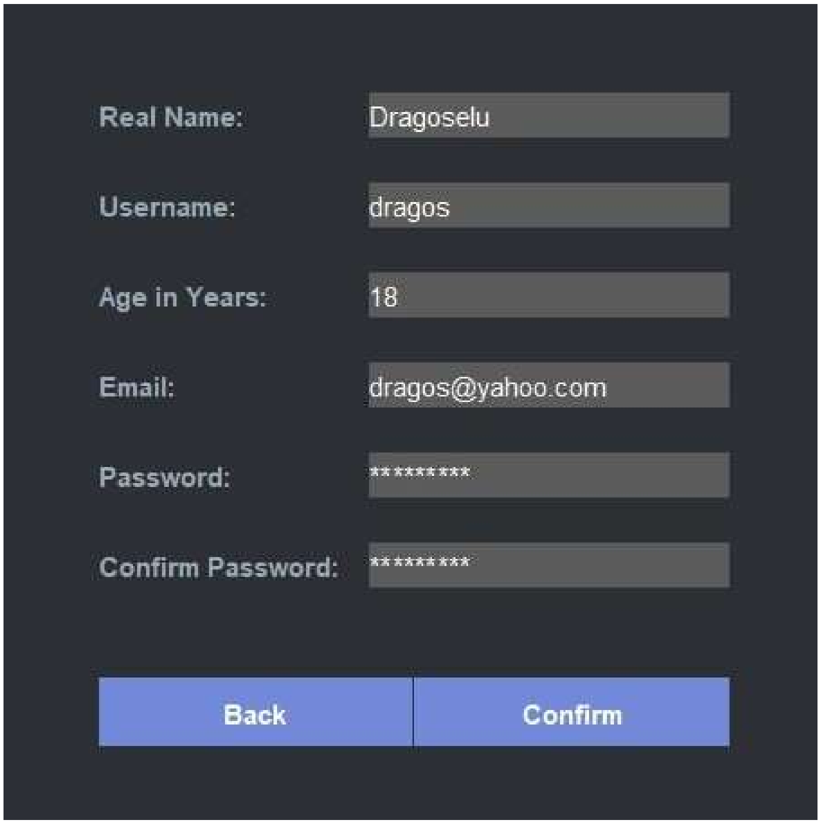


Grup Studiu Capacity: 2/10
grup nou test Capacity: 1/10

5. Note App

This project is a Java Swing application designed to help users create, edit, and delete notes. Although it was developed two years ago before to study databases, it remains a useful tool. Data is saved in a file, and certain information is encrypted to ensure its security. The application is relatively simple, and each registered user can only access and view their own notes, providing an added layer of privacy.





Real Name: Dragoselu

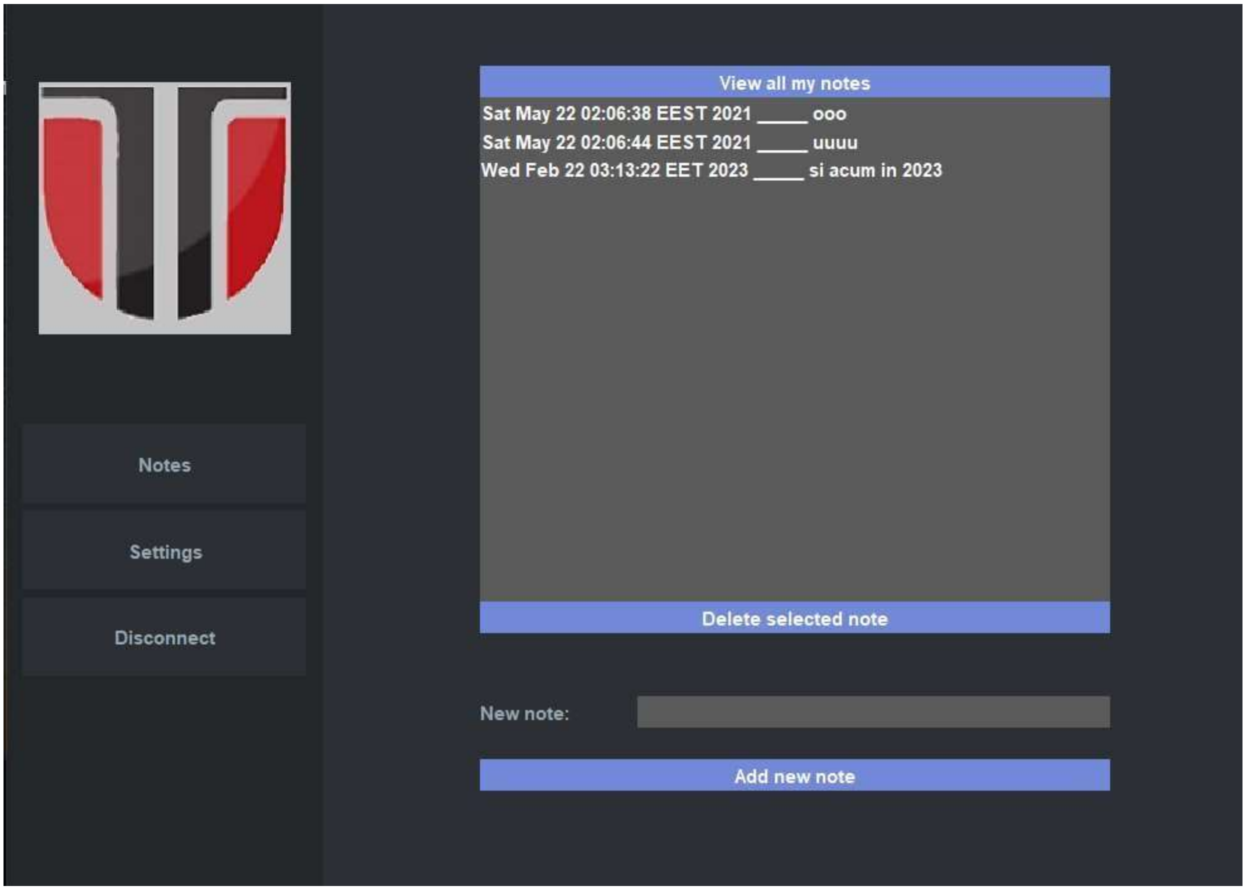
Username: dragos

Age in Years: 18

Email: dragos@yahoo.com

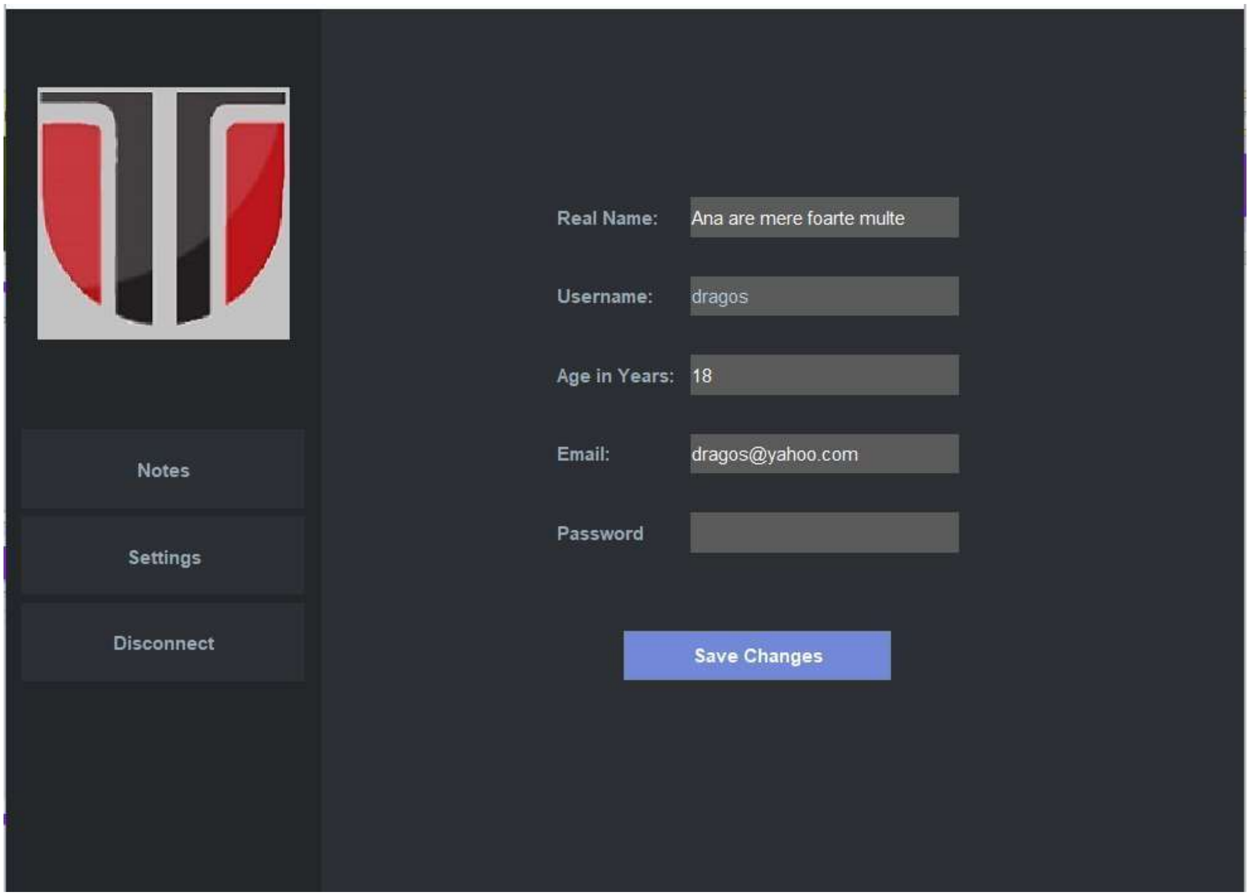
Password: *********

Confirm Password: *********



Sat May 22 02:06:38 EEST 2021 _____ ooo
Sat May 22 02:06:44 EEST 2021 _____ uuuu
Wed Feb 22 03:13:22 EET 2023 _____ si acum in 2023

New note:



Real Name: Ana are mere foarte multe

Username: dragos

Age in Years: 18

Email: dragos@yahoo.com

Password