

**DBMS MINI PROJECT**  
**Blood Bank Management System**

# Blood Bank Management System

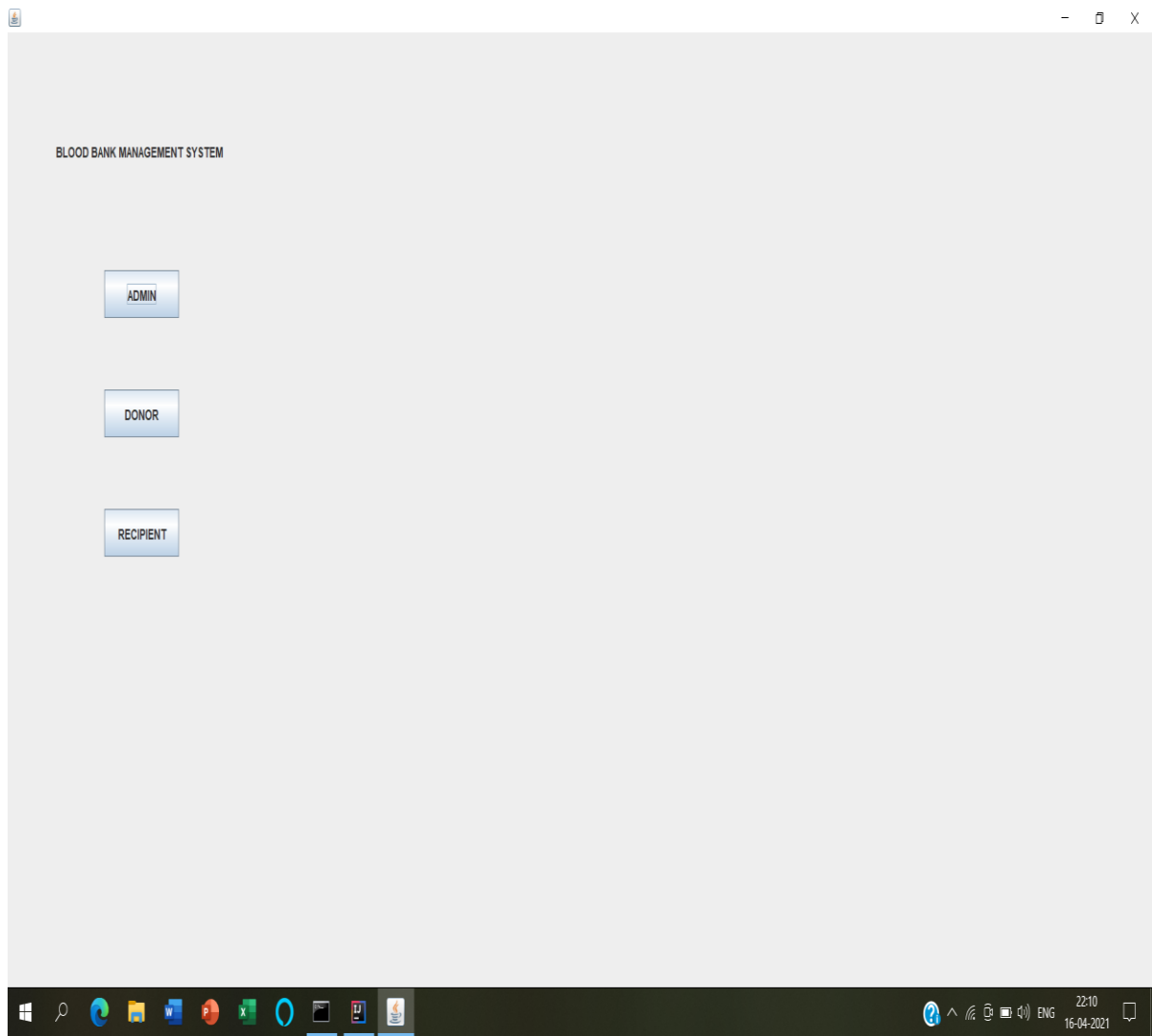
Front end - Swing

Database - Oracle 18c

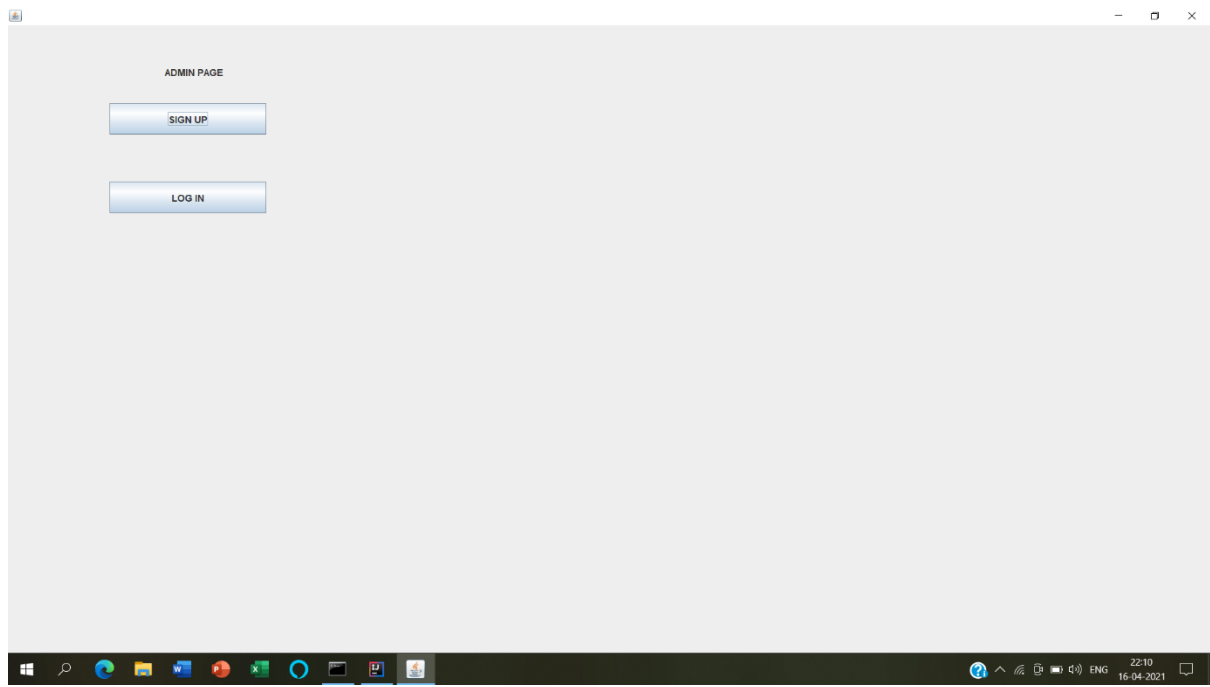
Platform used(Backend) - IntelliJ(Java)

## Screenshots of User Interface

### Front Page

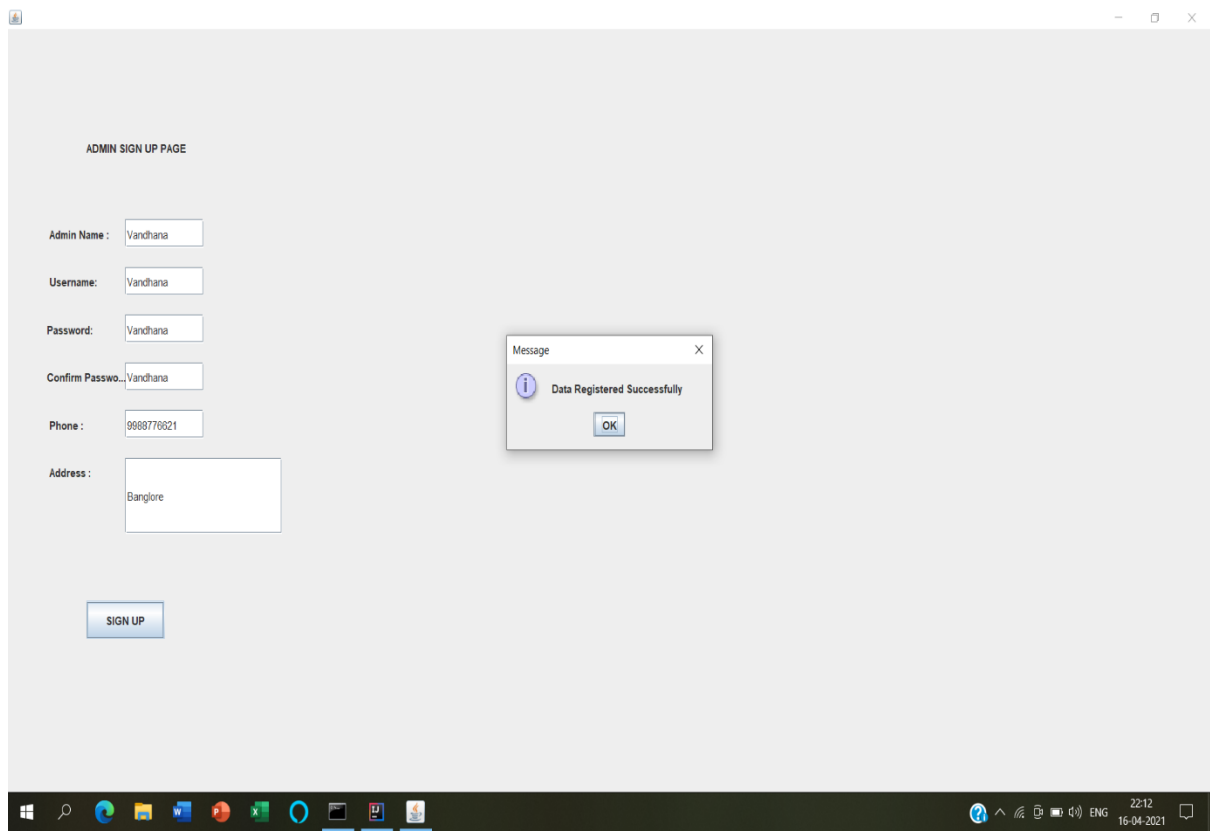


## Admin

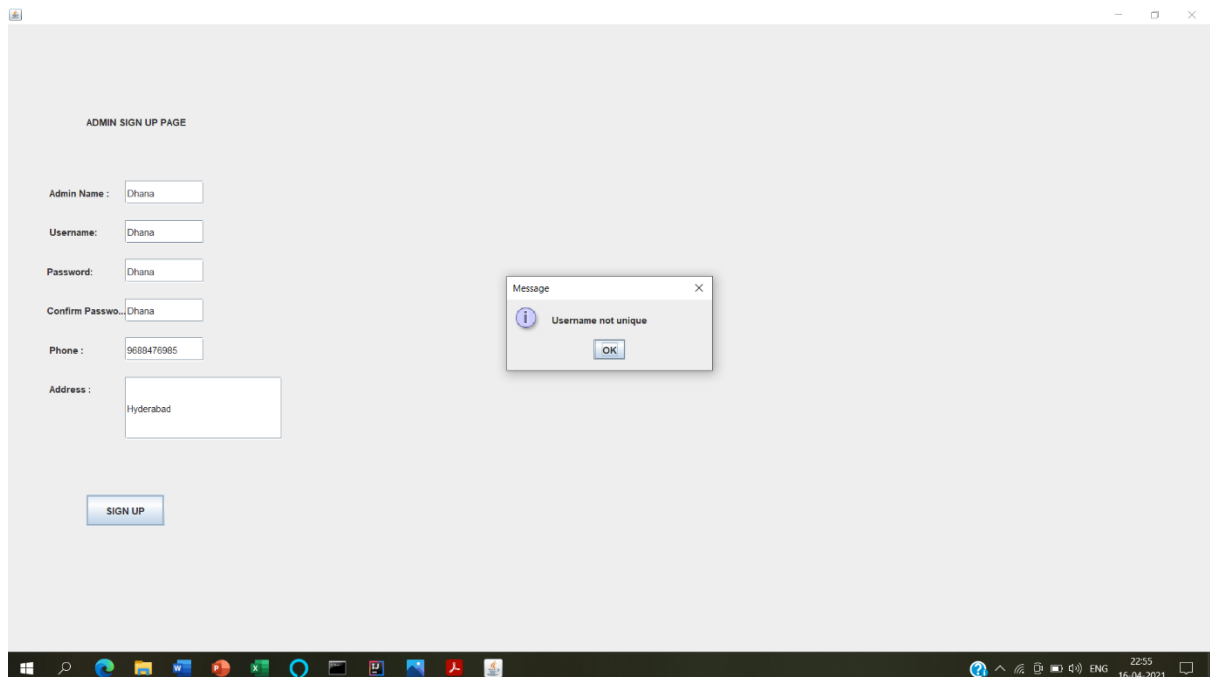


## Admin Signup Page

Case 1: The username should be unique. Then it leads to successful signup

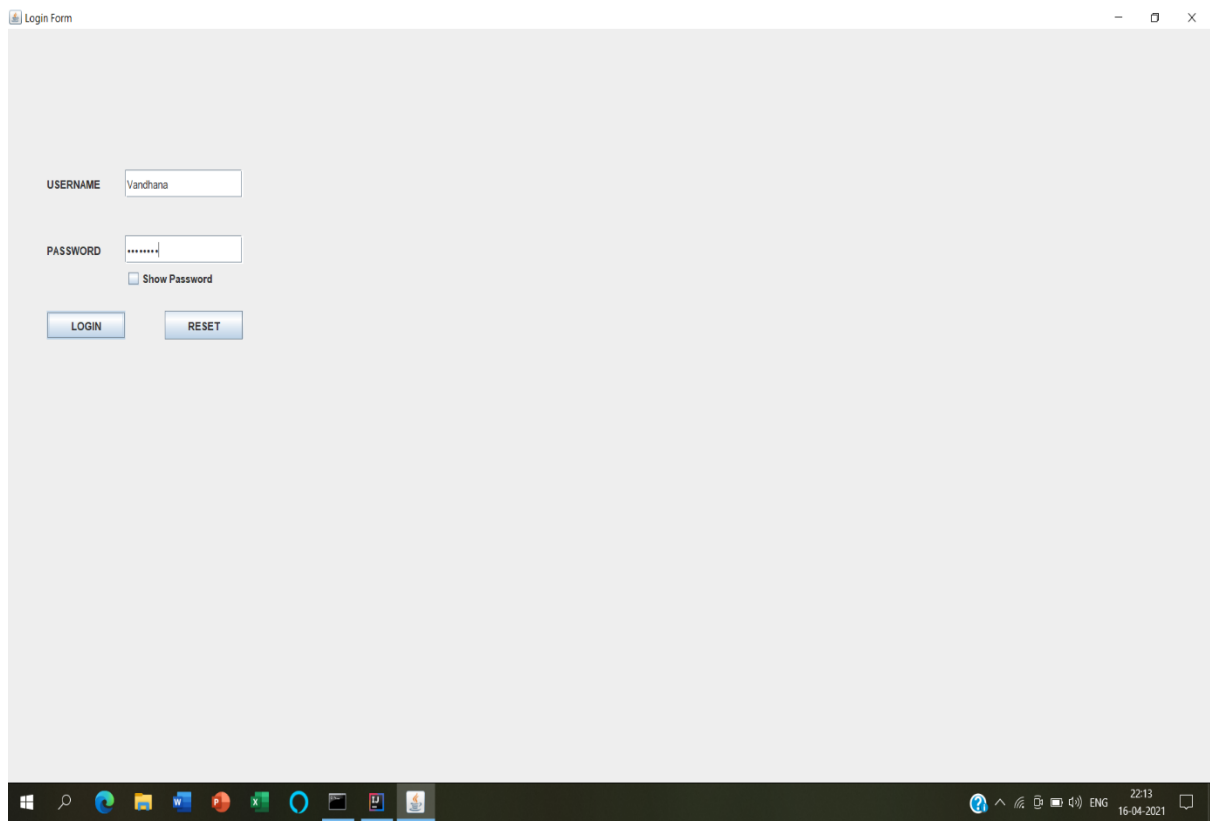


Case 2: If username is not unique, one cannot signup. Here the username “Dhana” is already available in the admin database table.

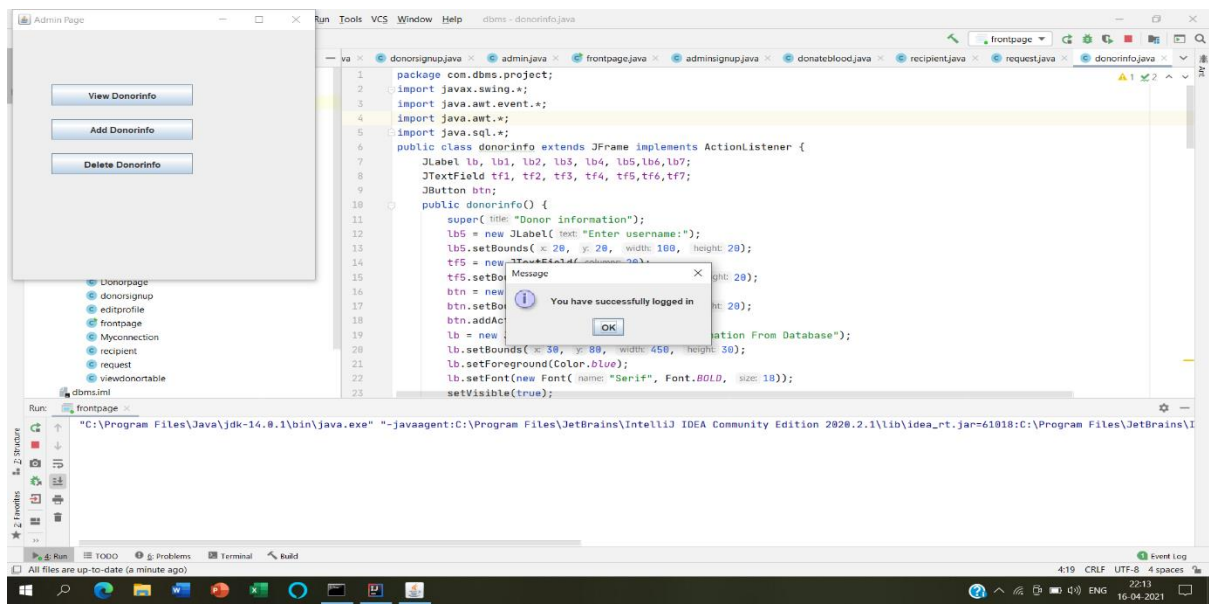


## Admin Login

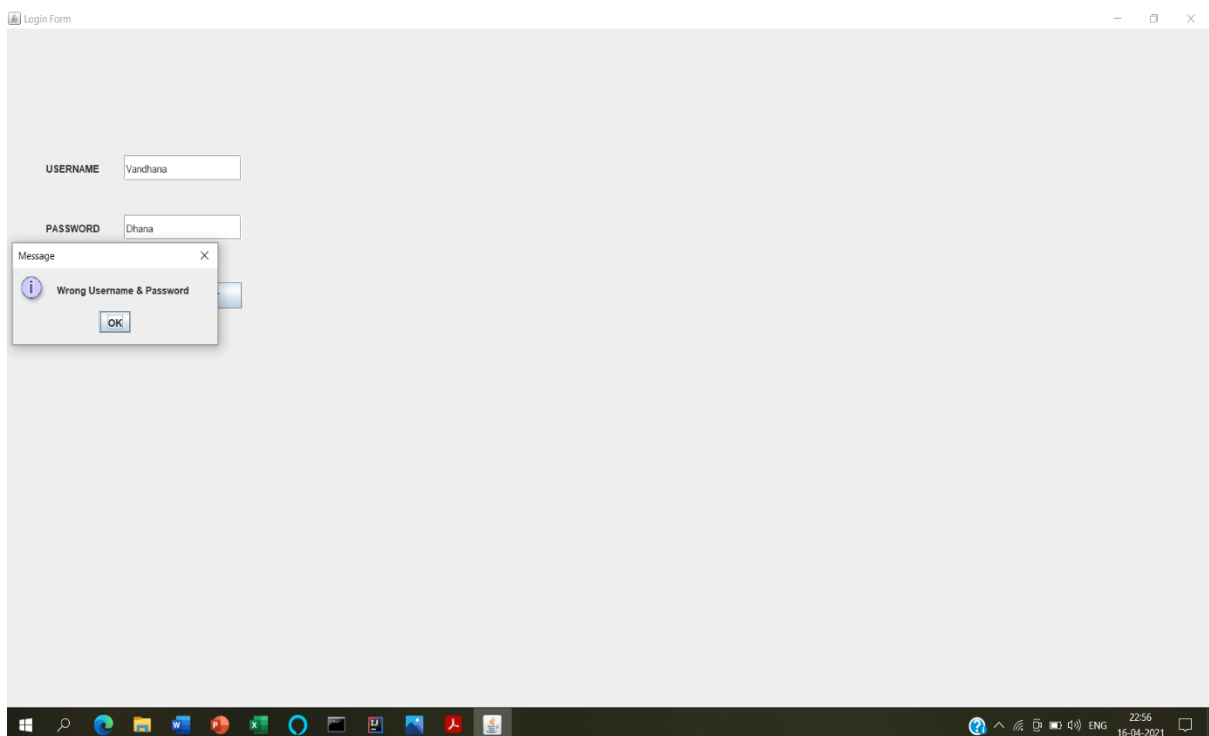
Case 1: The username and password matches, successful login



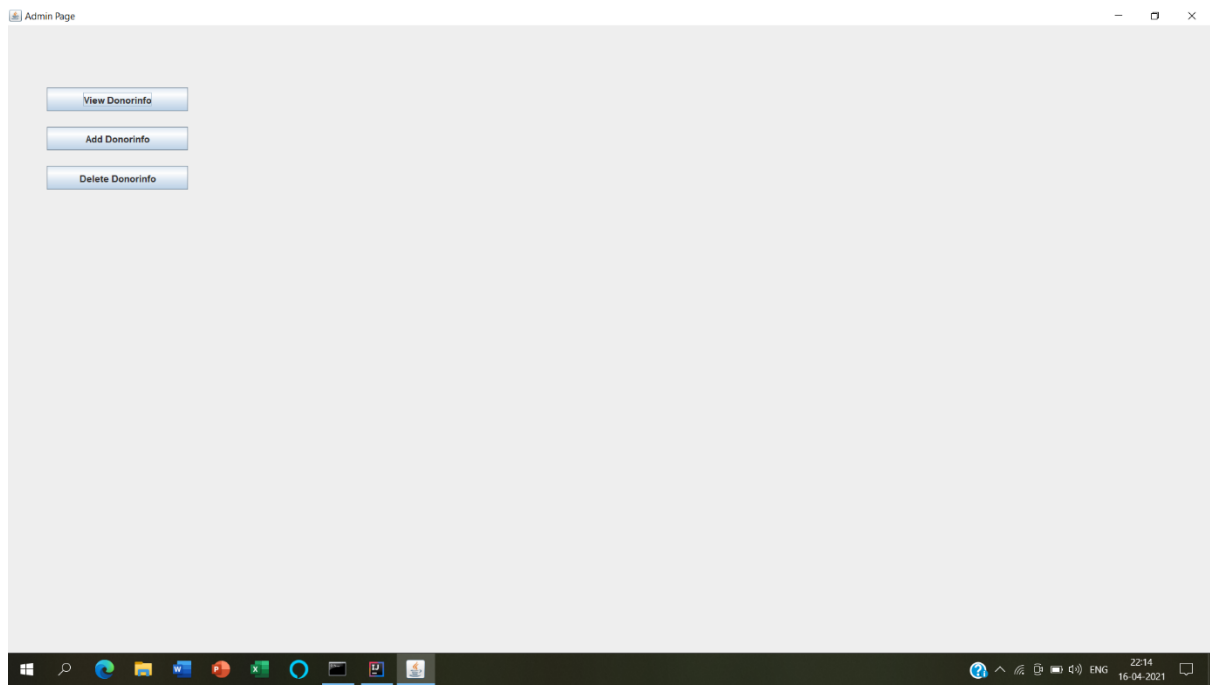
After successful login ,a message will be prompted:



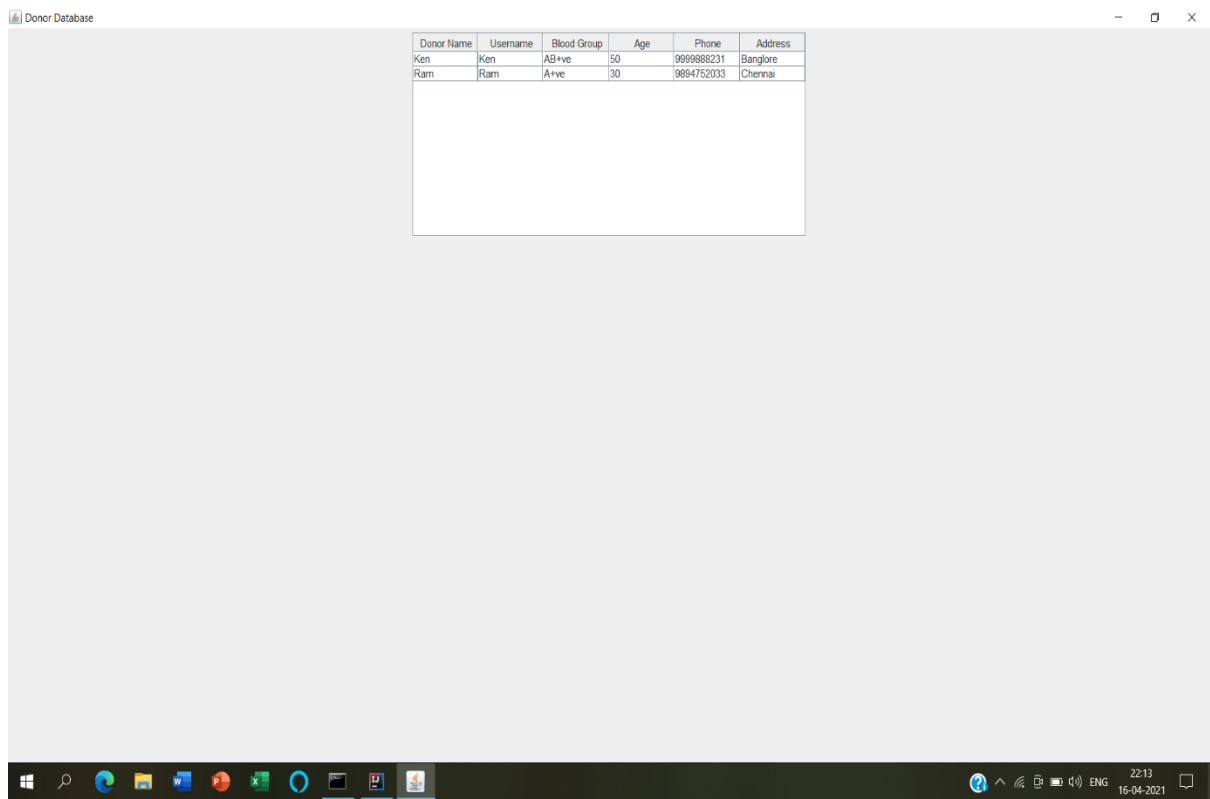
Case 2: The username and password did not match



## Admin Page

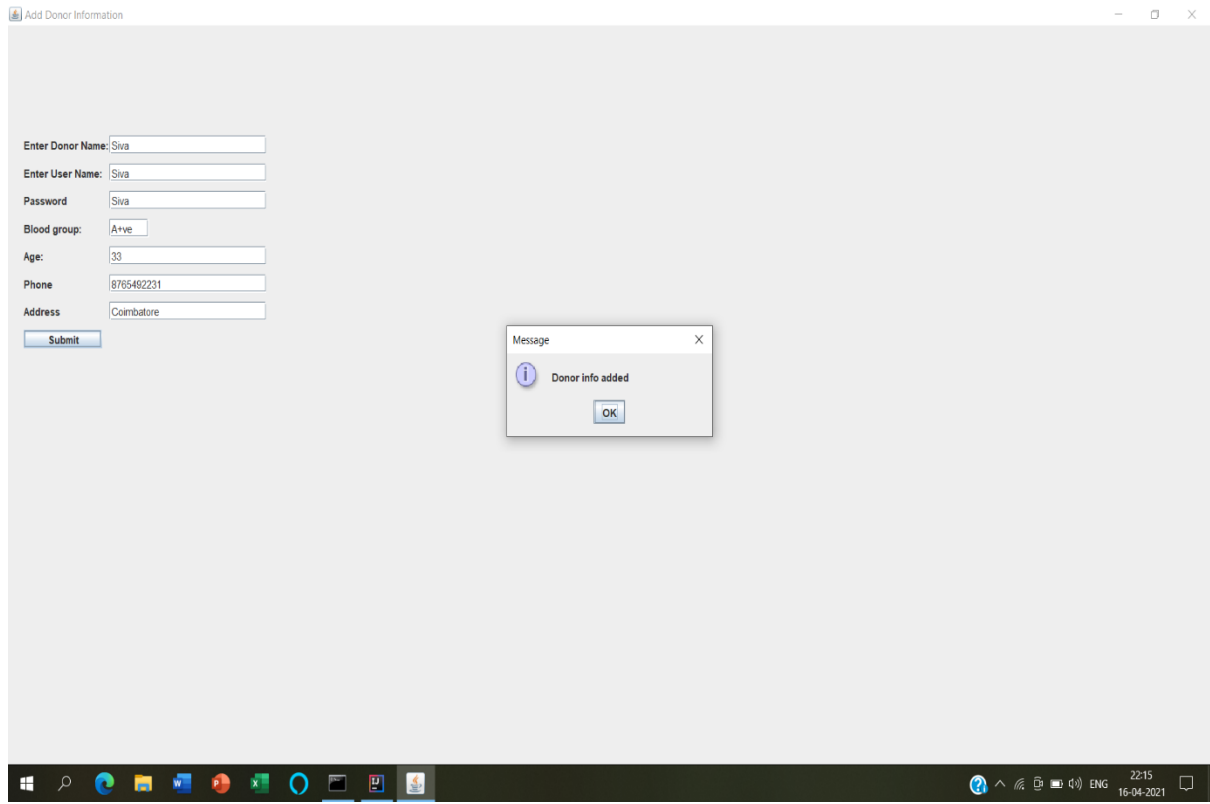


## Admin Viewing Donor Table



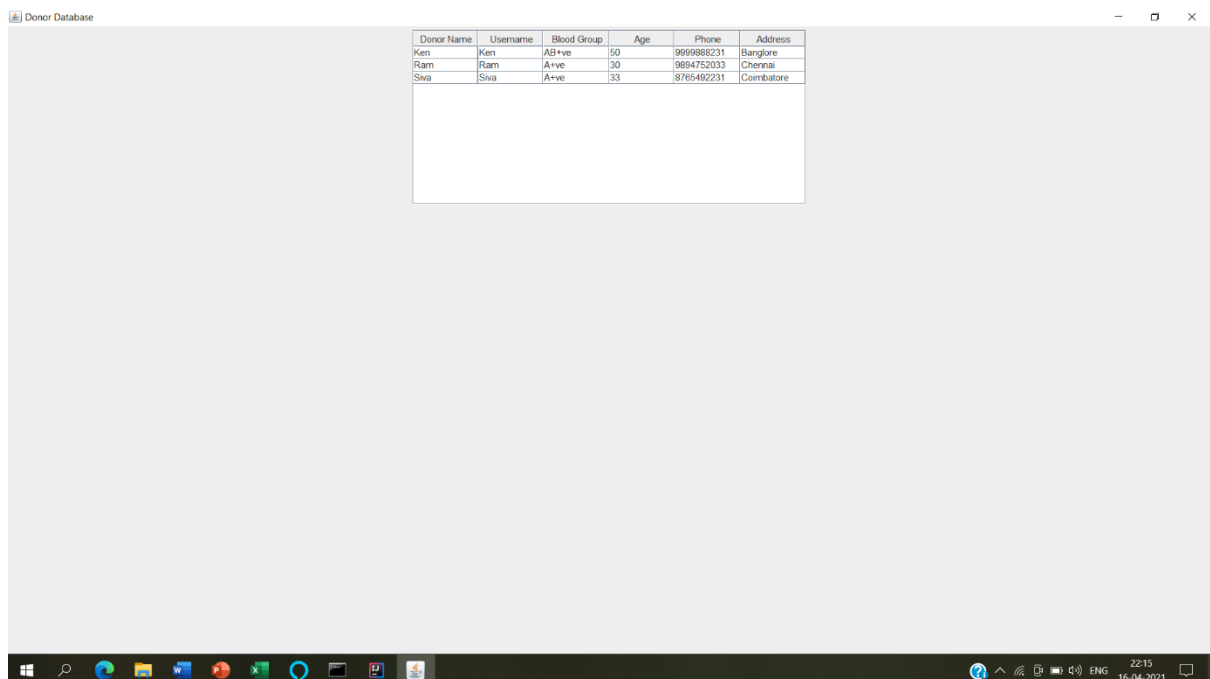
## Admin Adding Donor Information

The donor username should be unique



The screenshot shows a web application window titled "Add Donor Information". It contains a form with the following fields: "Enter Donor Name:" (Siva), "Enter User Name:" (Siva), "Password:" (Siva), "Blood group:" (A+ve), "Age:" (33), "Phone:" (8765492231), and "Address:" (Coimbatore). A "Submit" button is at the bottom left. A modal message box is displayed in the center, titled "Message", with an information icon, the text "Donor info added", and an "OK" button. The Windows taskbar at the bottom shows the time as 22:15 on 16-04-2021.

After adding donor information, admin will directed to viewdonortable page to view the added donor details



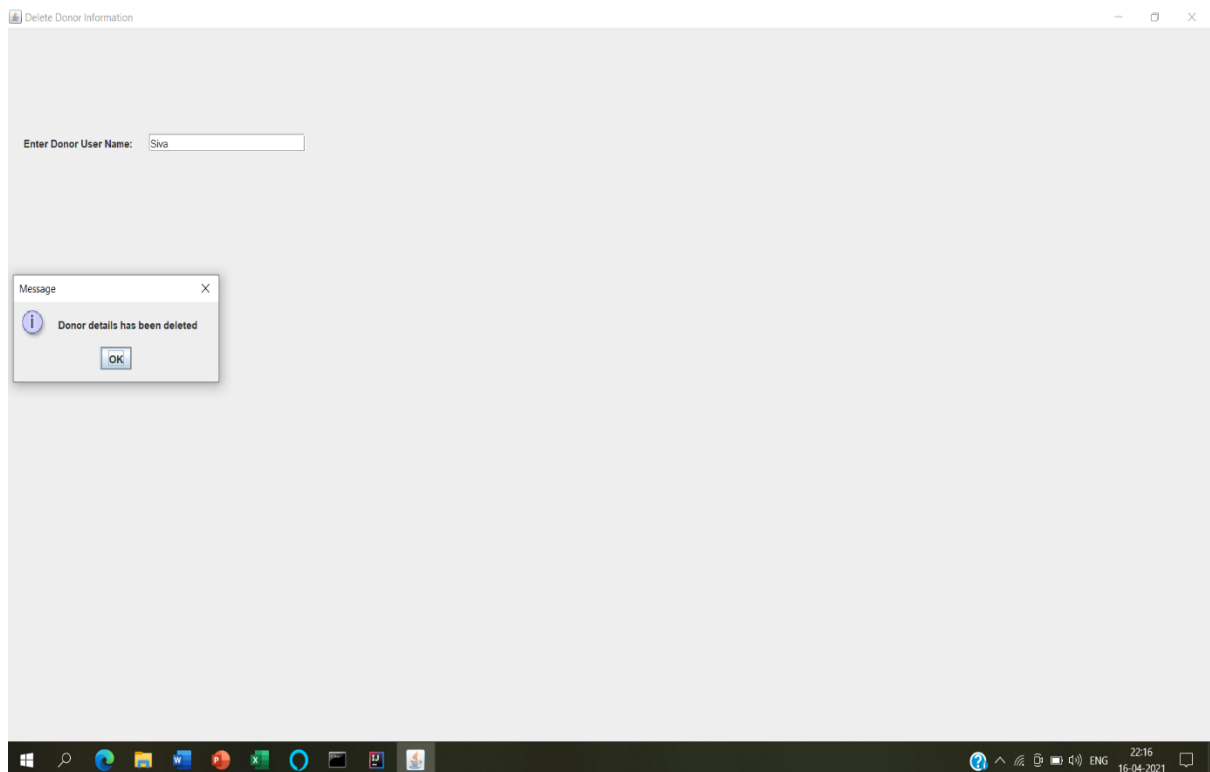
The screenshot shows a web application window titled "Donor Database". It displays a table with the following data:

Donor Name	Username	Blood Group	Age	Phone	Address
Ken	Ken	AB+ve	50	9999888231	Banglore
Ram	Ram	A+ve	30	9894752033	Chennai
Siva	Siva	A+ve	33	8765492231	Coimbatore

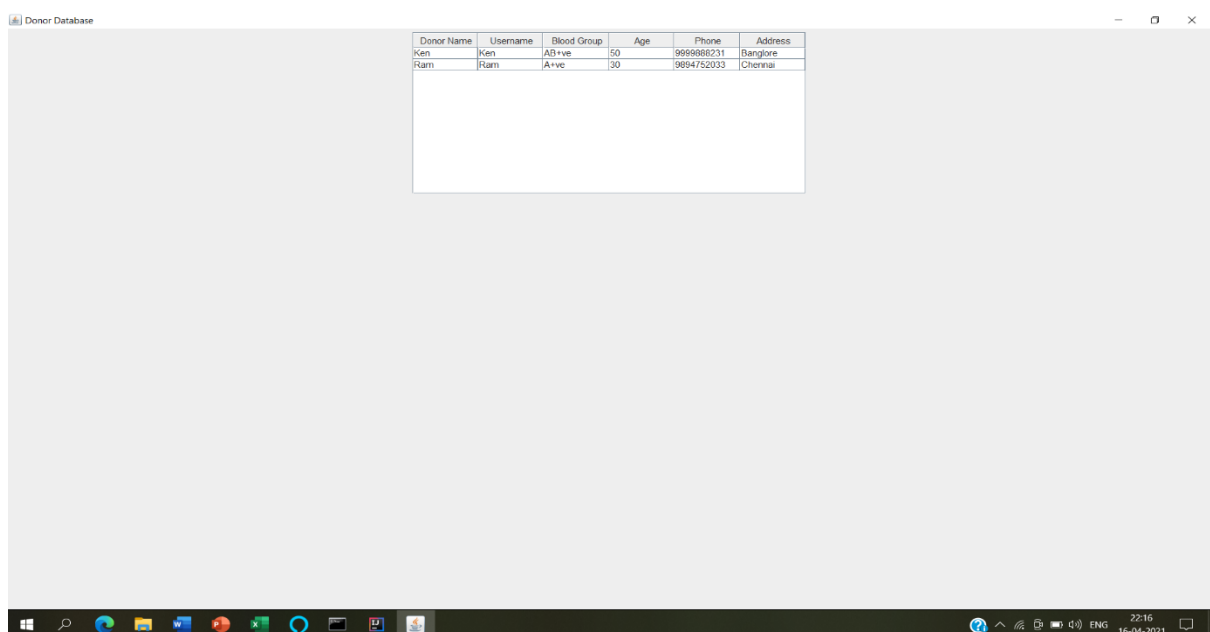
The Windows taskbar at the bottom shows the time as 22:15 on 16-04-2021.

## Admin Deleting Donor Information

To delete a donor info ,their username should be given.

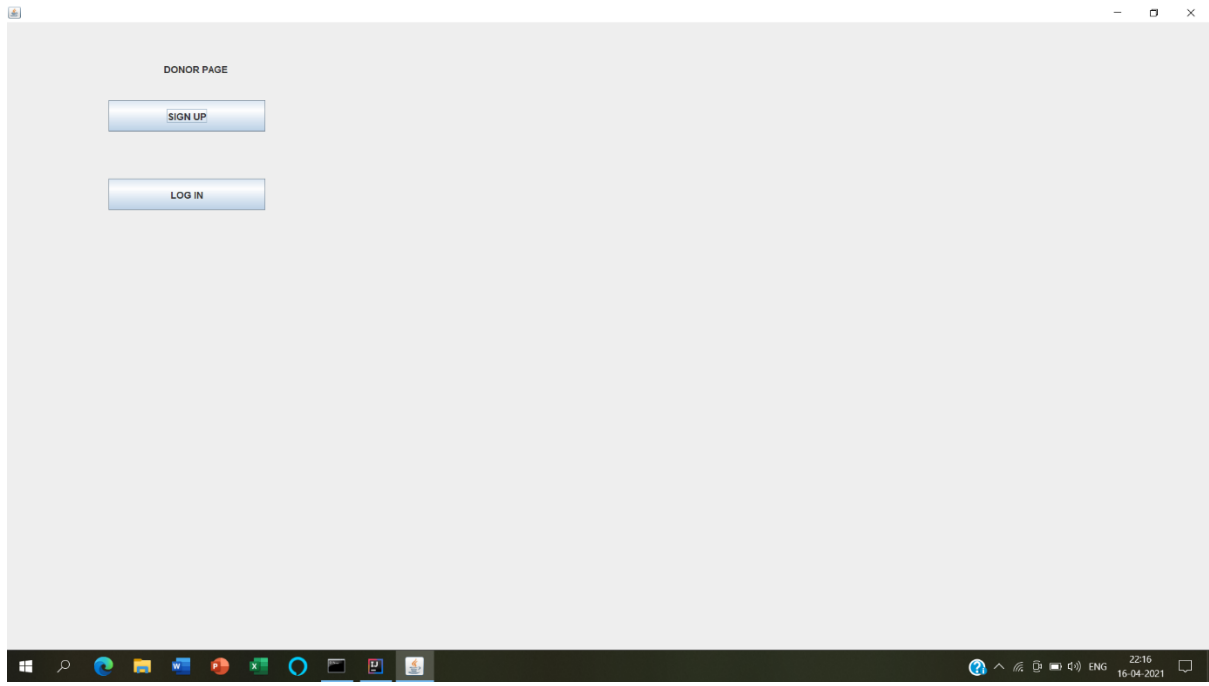


After deleting donor information, admin will directed to viewdonortable to view the existing donor details and the deleted donor details will not available in table



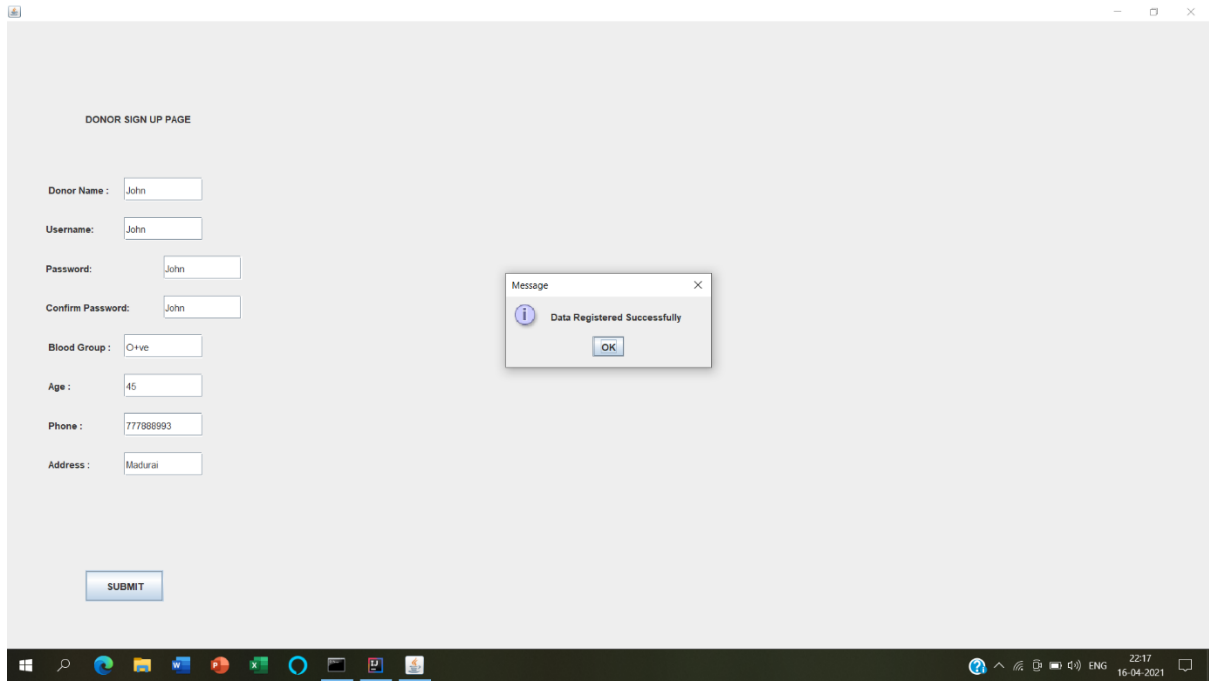


## Donor

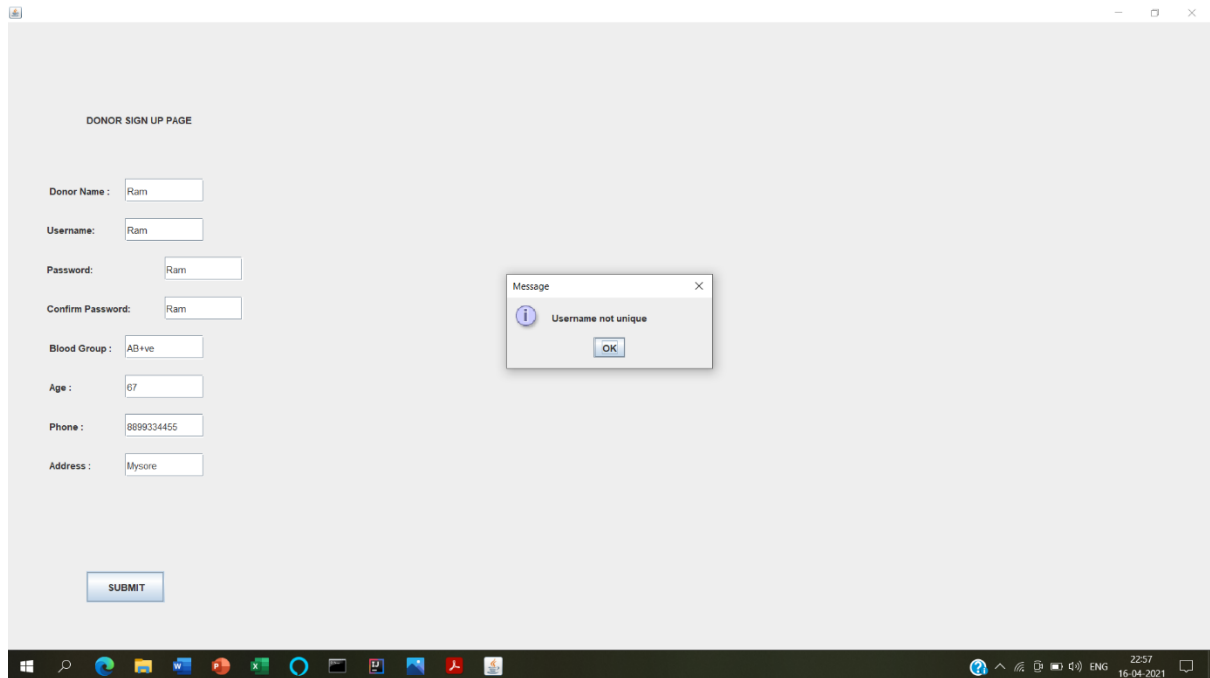


## Donor Signup Page

Case 1: The username should be unique, successful signup

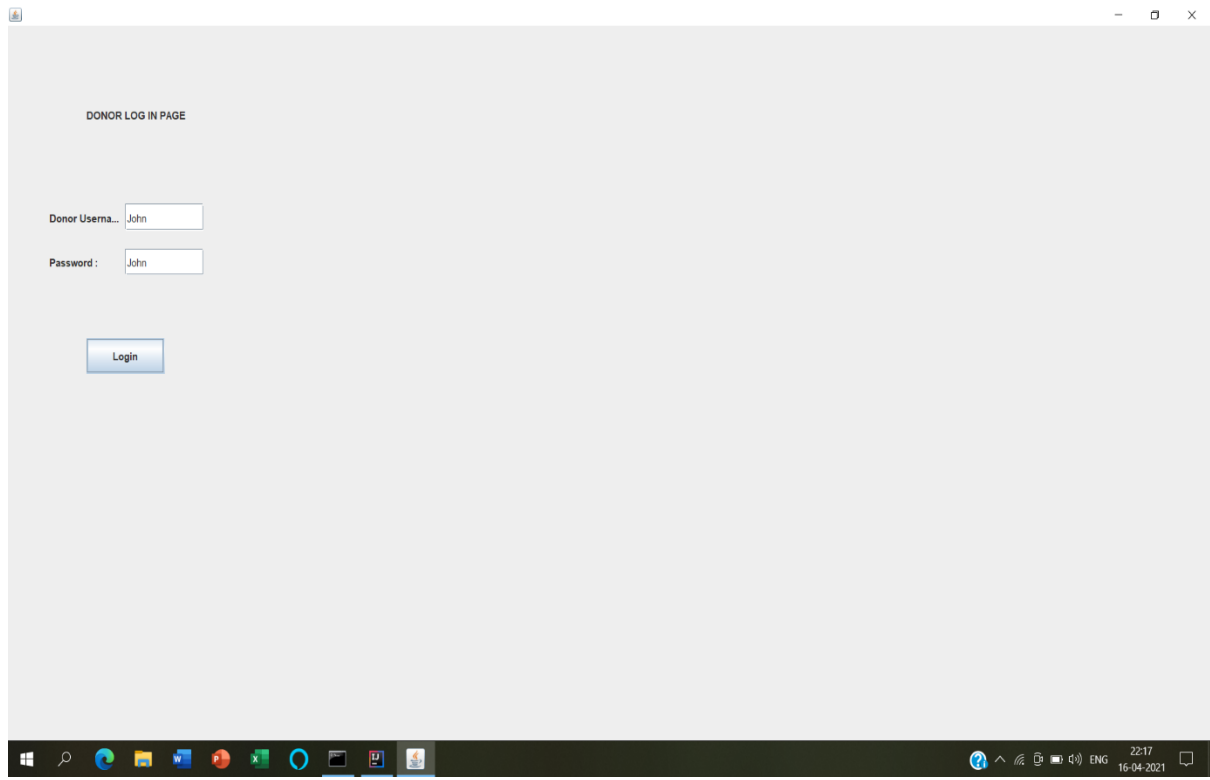


Case 2: Username not unique. Here the username “Ram” is already available in donor database table.

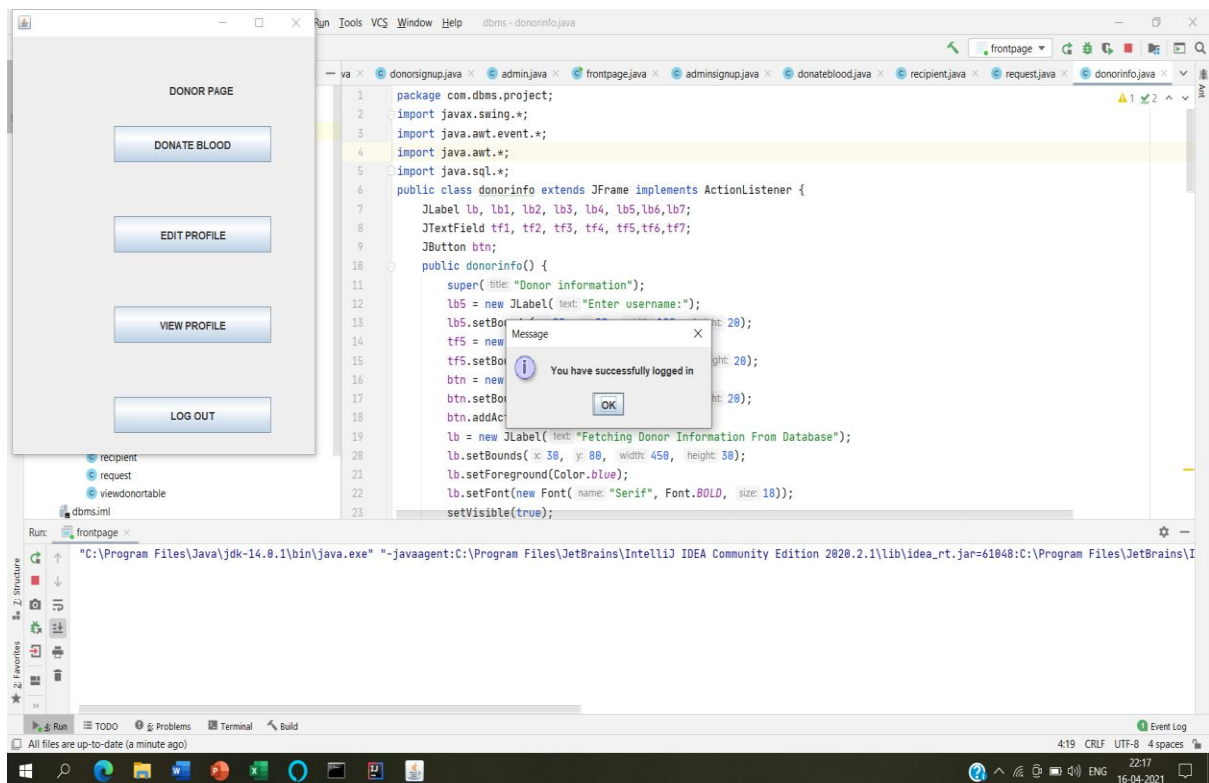


## Donor Login

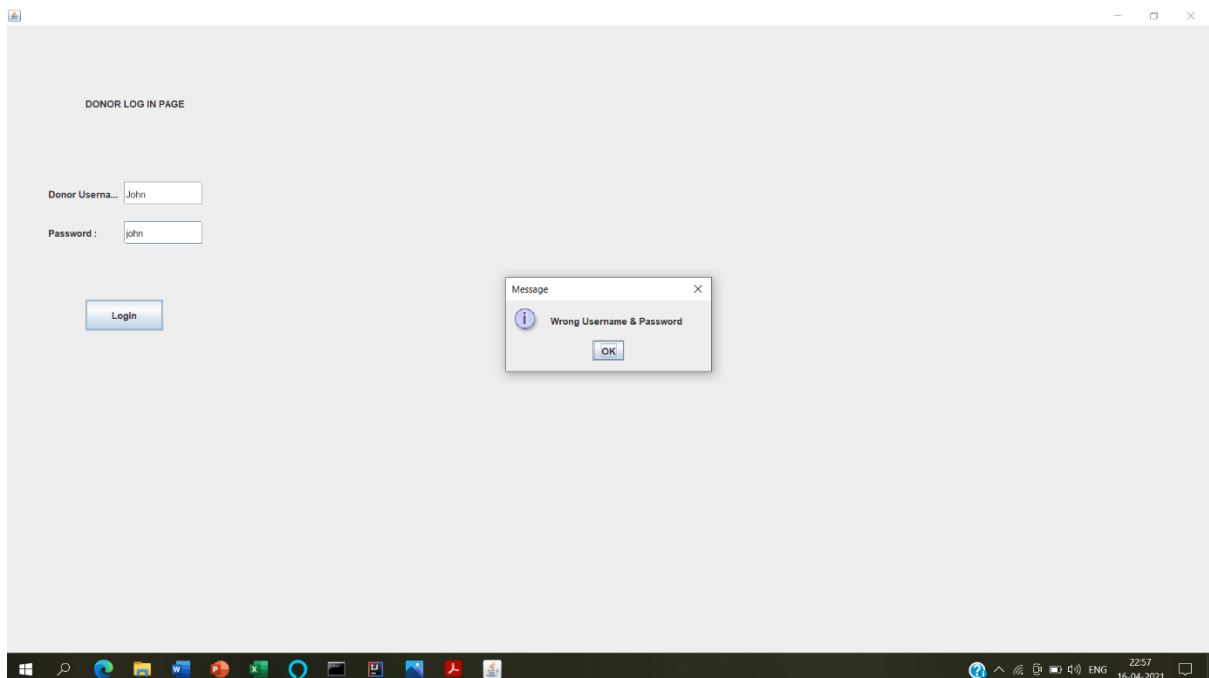
Case 1: If username and password matches



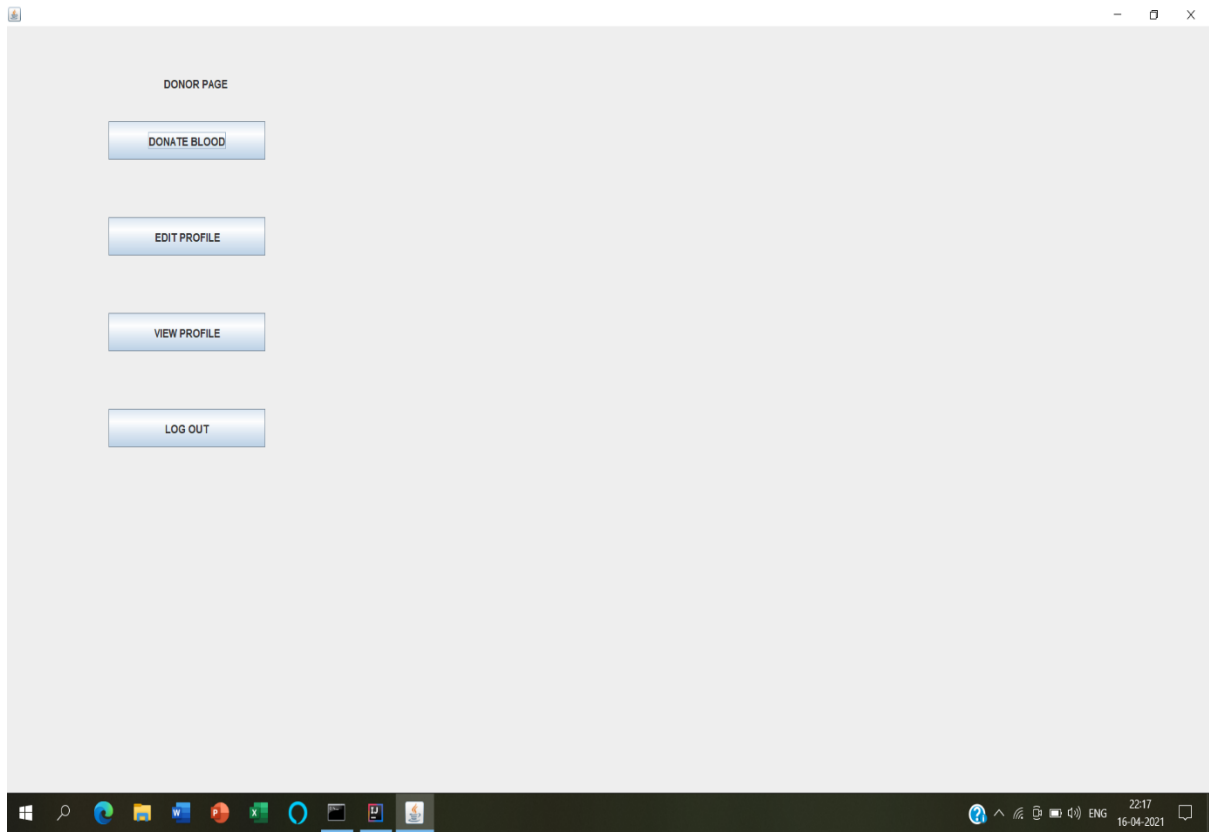
After successful login, a message will be prompted.



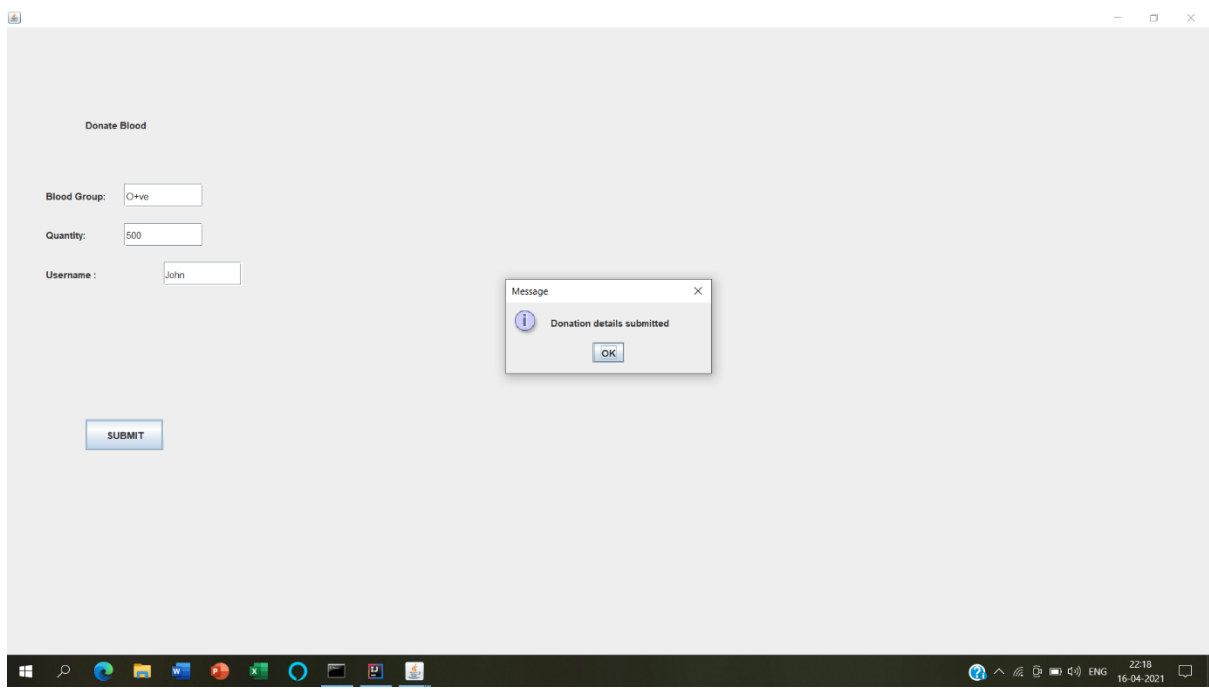
Case 2: username and password did not match, here password is wrong it should be “John”.



## Donor Page

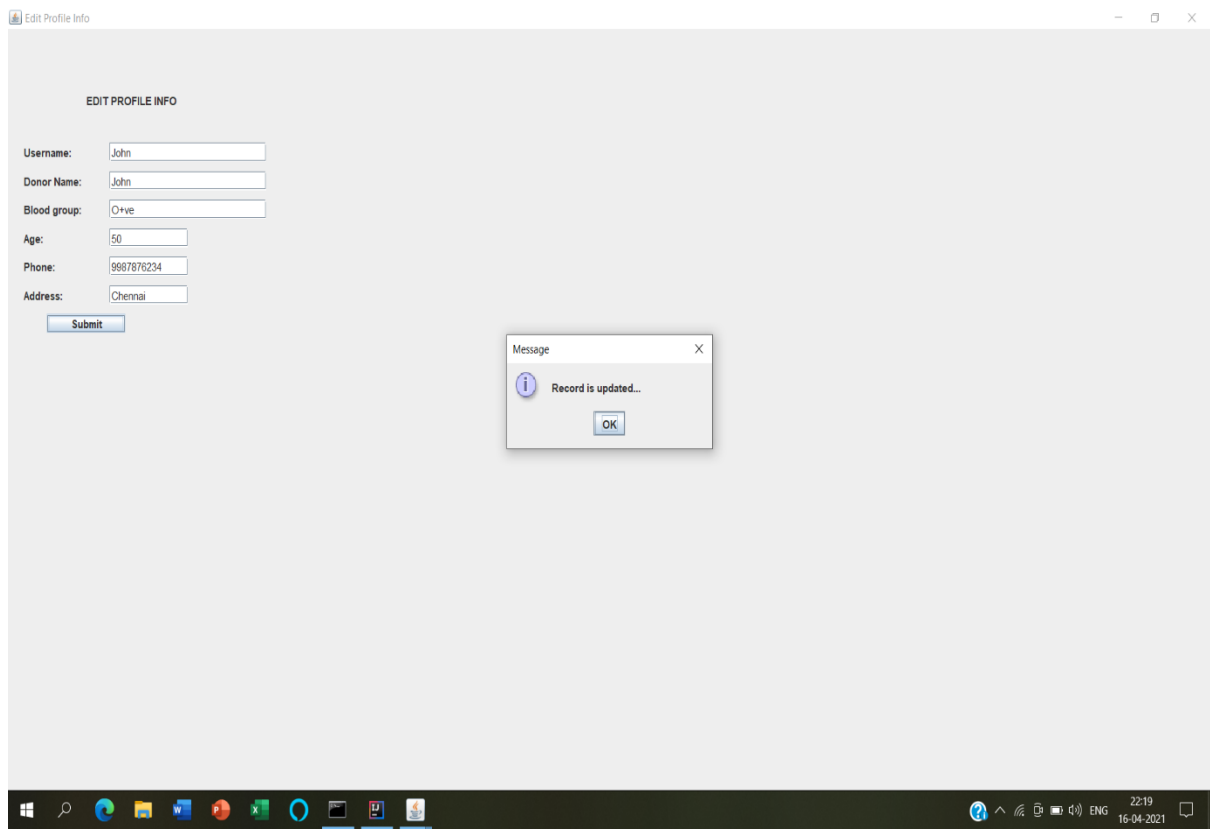


## Donate Blood(Donor)



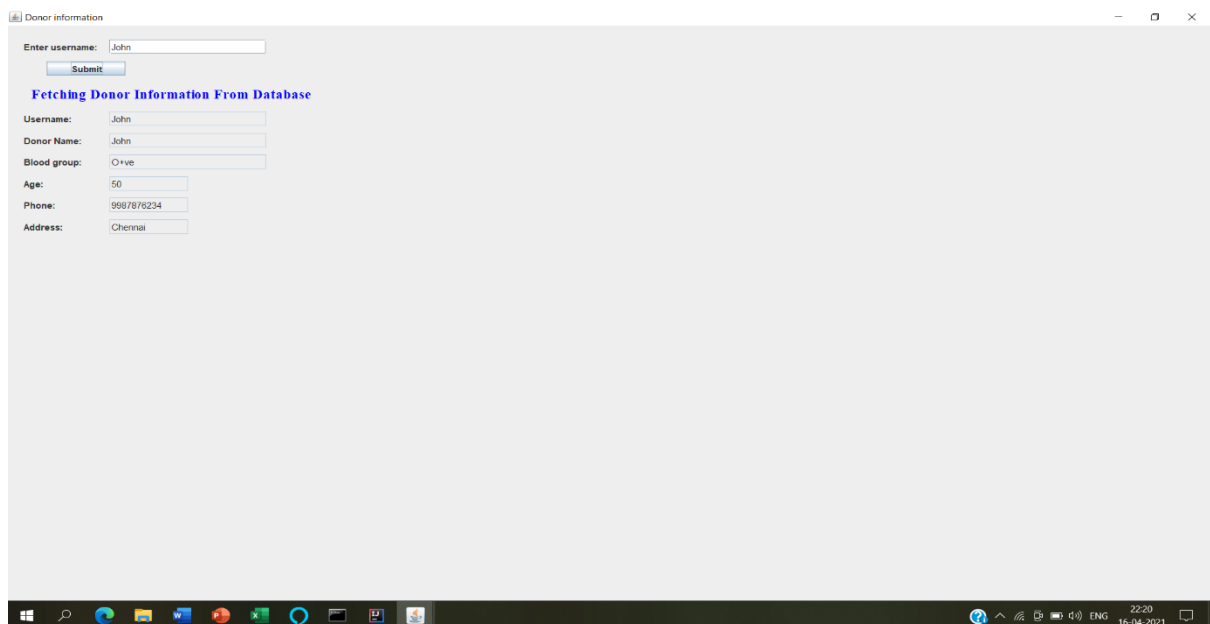
## Edit Profile(Donor)

Here donor age, phone number and address is edited



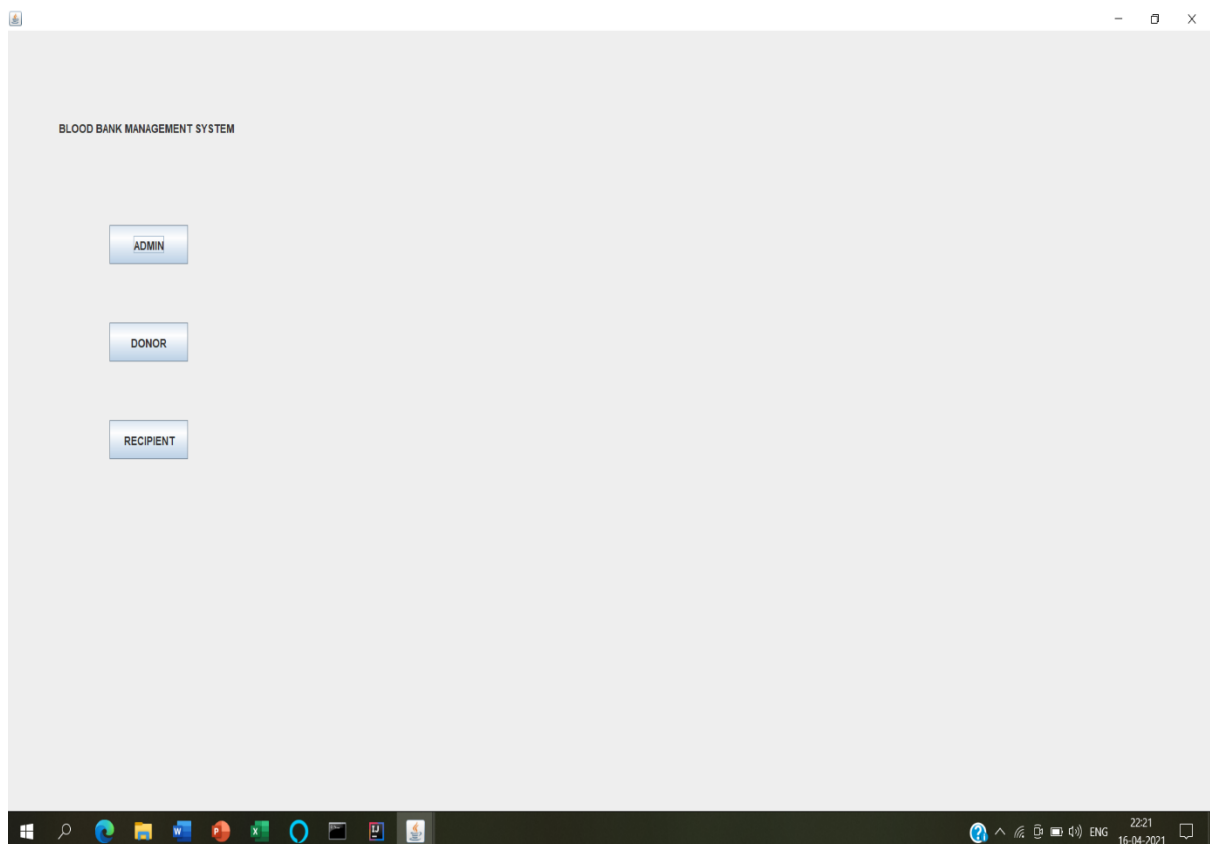
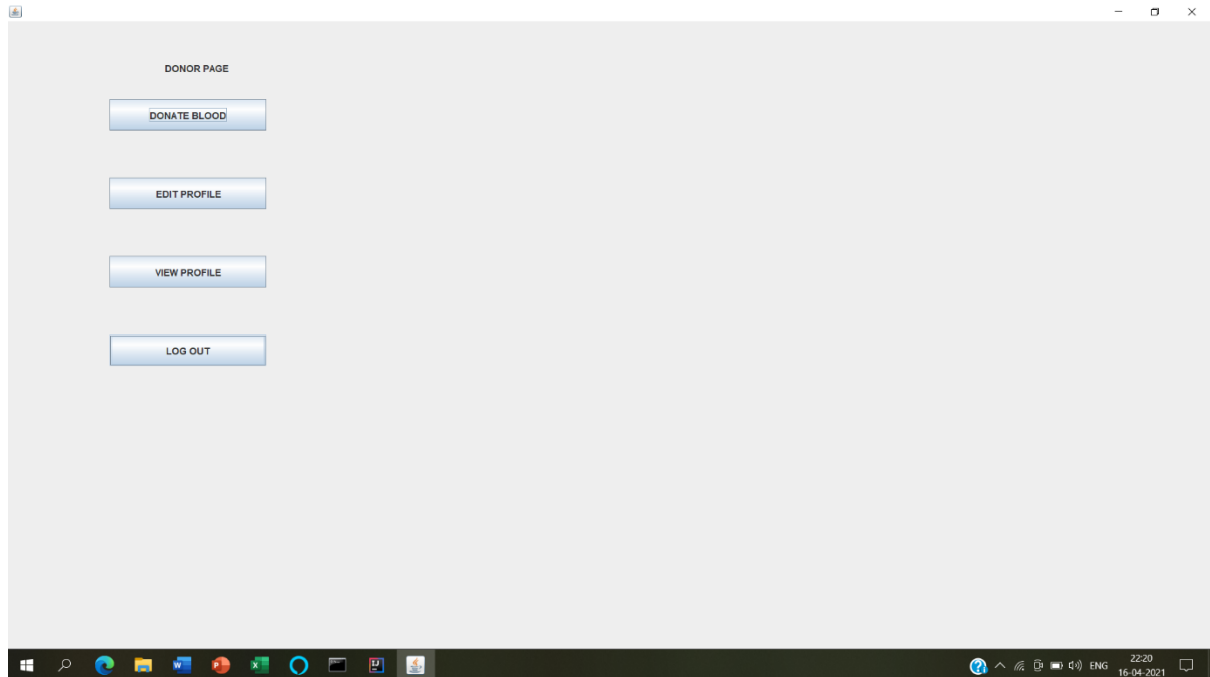
## View Profile(Donor)

If username is correct, one can view his profile

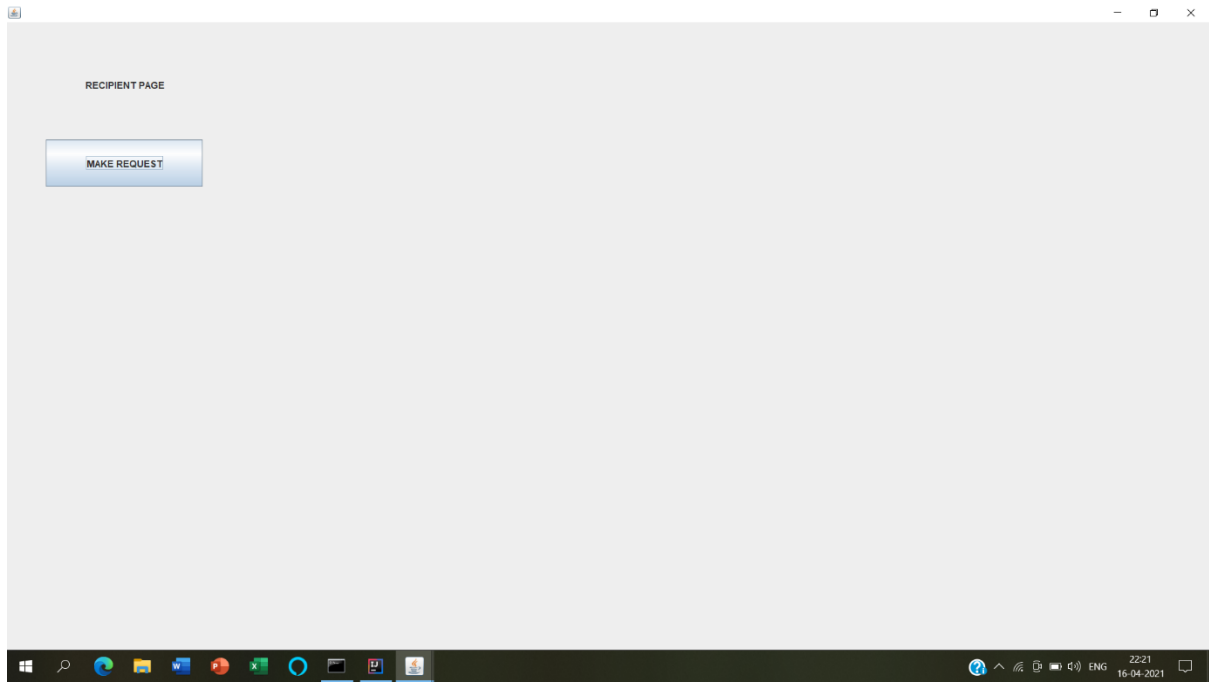


## Logout(Donor)

By clicking Logout Button, it will redirect to front page of blood bank management system

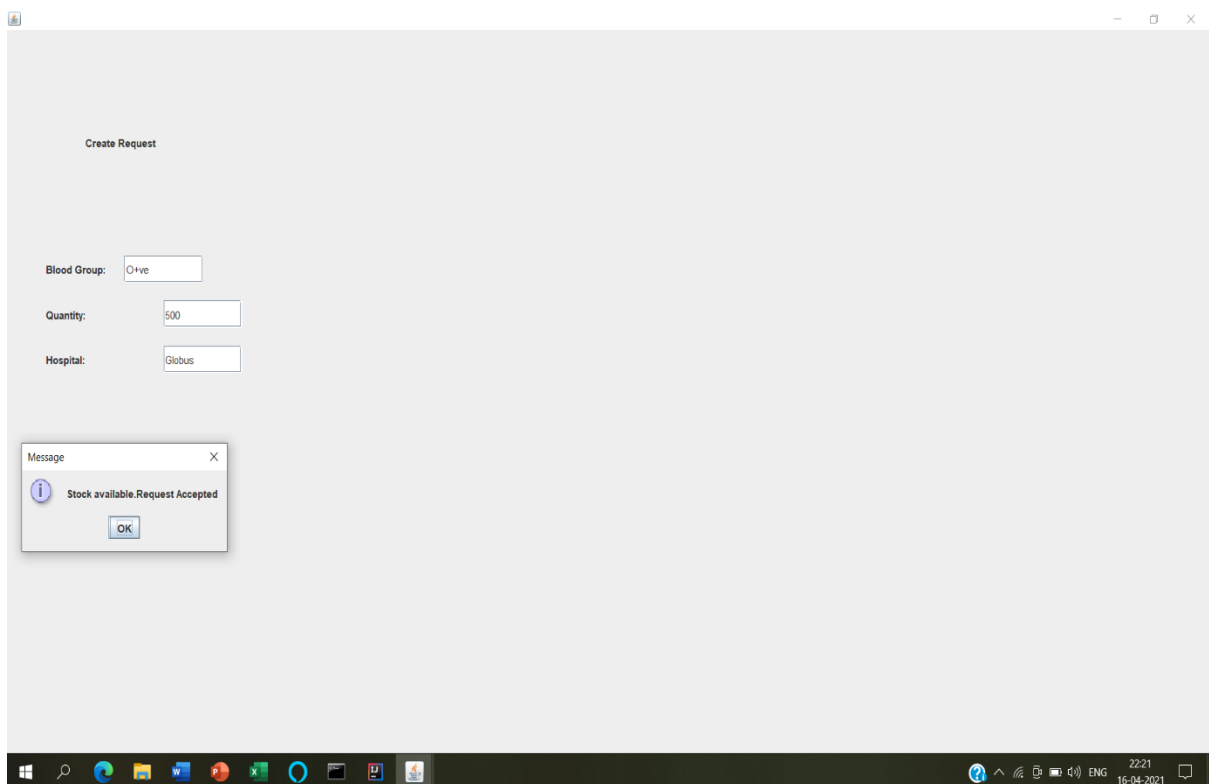


## Recipient Page



## Request Page(Recipient)

Case 1: Stock available(If the given blood grp and quantity is available in stock table)



## Case 2: Stock not available

