

JavaFX Project

Employee Management System

Introduction:

This application helps us to store the information of all the employees working in any firm. Here an employee can register himself/herself. After registering his/her profile will open , in which several edit profile options are available.

To access the profile again, employee needs to remember his/her Email ID and password ,which can be entered in the provided login form.

Technologies used :

Java , JavaFX , Jdbc , Scenebuilder , MySQL database and IntelliJ IDEA Community Edition- 2021.1.1

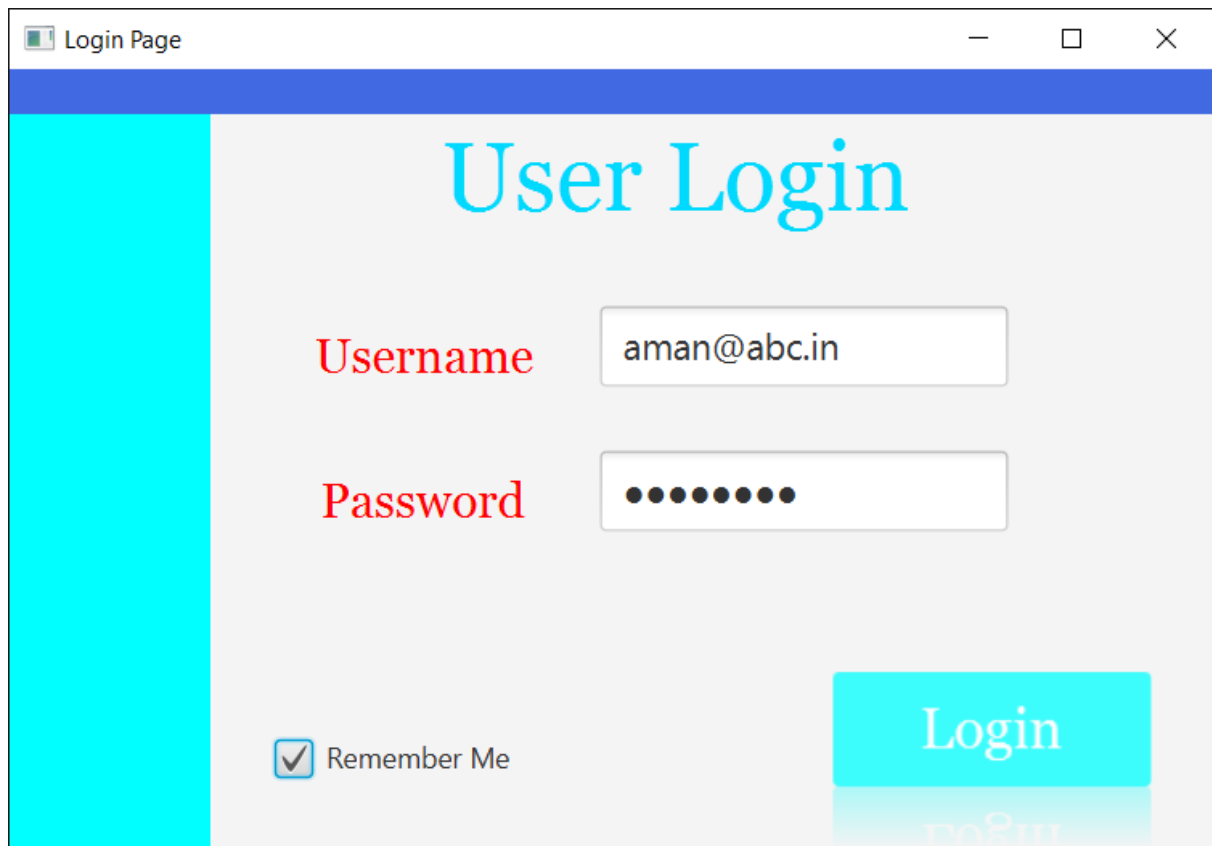
Screenshots :

Front-end

Home page :



Login Page :



Login Page

User Login

Username

Password


☒ Remember Me

Login

Sign In page :

SignIn

User Sign In



Name

Email

Password

Mobile Number

DOB

Gender

☐ Male

☐ Female

☐ Other

Marital Status

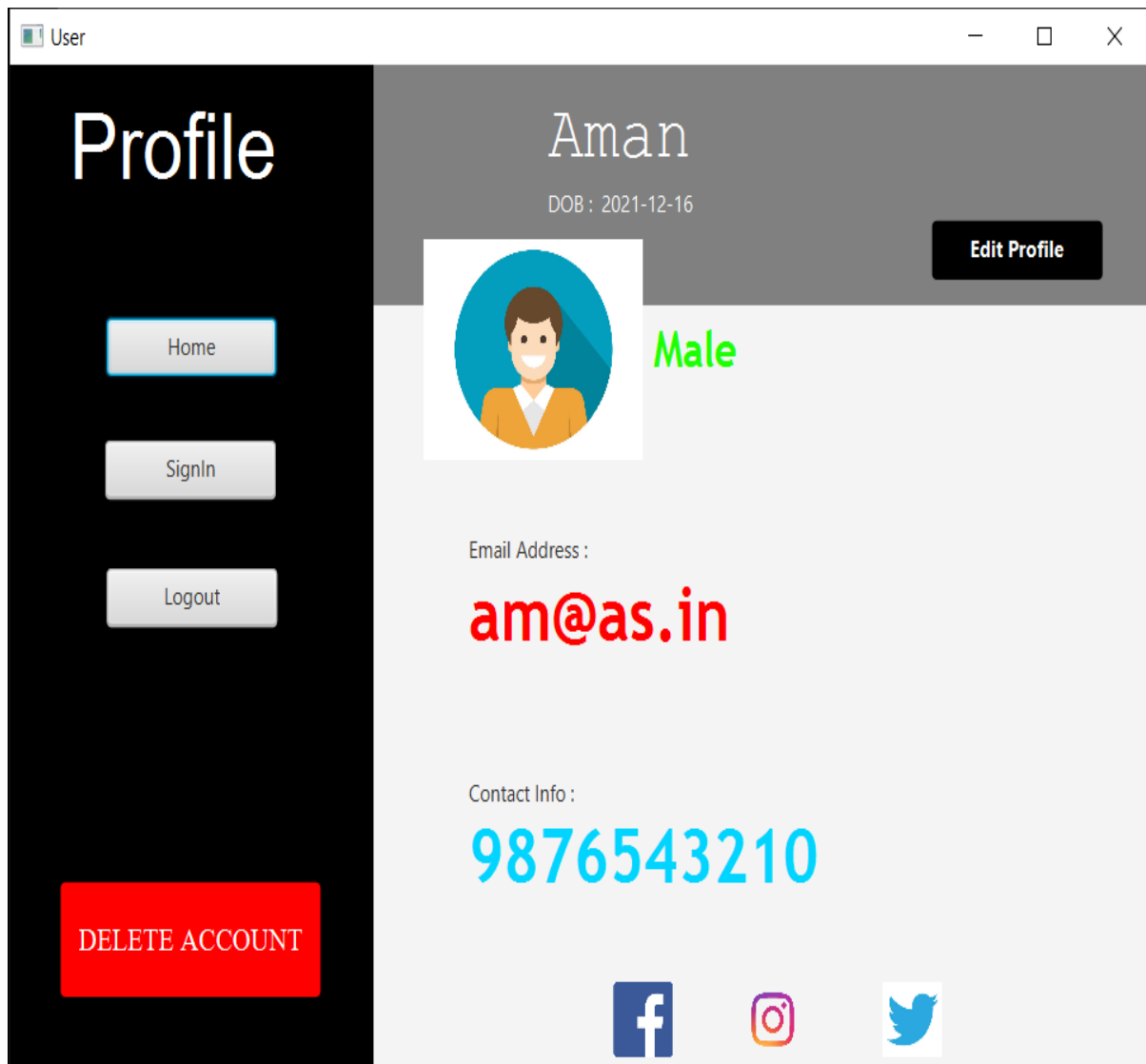
Single

Sign In

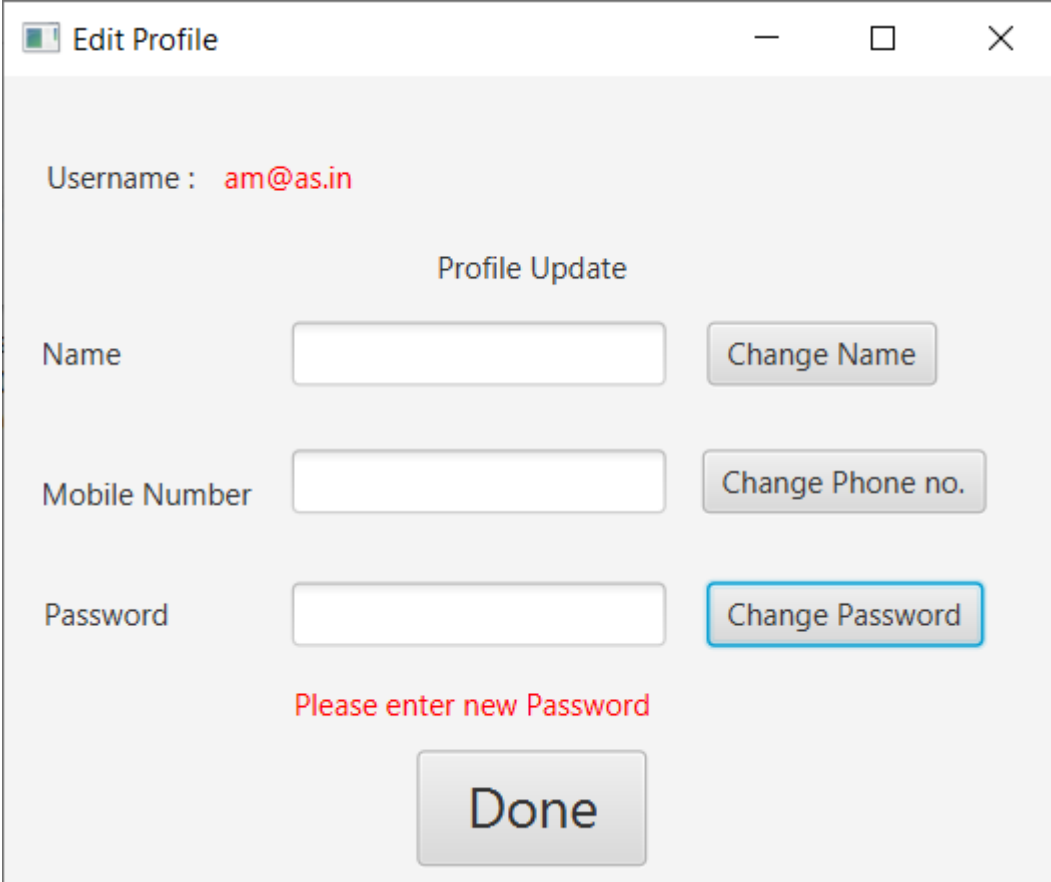
Reset Form

[Already a user ? Click Here](#)

Profile Page :



Edit Profile page :



The screenshot shows a web application window titled "Edit Profile". The window has a light gray background and a standard window control bar with a minus, maximize, and close button. The content area displays the following elements:

- Username:** am@as.in (in red text)
- Profile Update** (centered heading)
- Name:** A text input field with a "Change Name" button to its right.
- Mobile Number:** A text input field with a "Change Phone no." button to its right.
- Password:** A text input field with a "Change Password" button to its right. The "Change Password" button is highlighted with a blue border.
- Please enter new Password** (in red text, below the password field)
- Done** (a large button at the bottom center)

Working of the project :

- Backend part :

Creating table in database :

(employee_management database)

```
MySQL 8.0 Command Line Client
mysql> create table emp_data(name varchar(150) not null, email varchar(150), password varchar(50), mobile varchar(50), dob varchar(50), gender char(20), color varchar(50), mt_status char(20), primary key (email));
Query OK, 0 rows affected (0.40 sec)

mysql> describe emp_data;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| name  | varchar(150)  | NO   |     | NULL    |       |
| email | varchar(150)  | NO   | PRI | NULL    |       |
| password | varchar(50)  | YES  |     | NULL    |       |
| mobile | varchar(50)   | YES  |     | NULL    |       |
| dob   | varchar(50)   | YES  |     | NULL    |       |
| gender | char(20)      | YES  |     | NULL    |       |
| color | varchar(50)   | YES  |     | NULL    |       |
| mt_status | char(20)     | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
8 rows in set (0.64 sec)

mysql> _
```

Entering data in table :

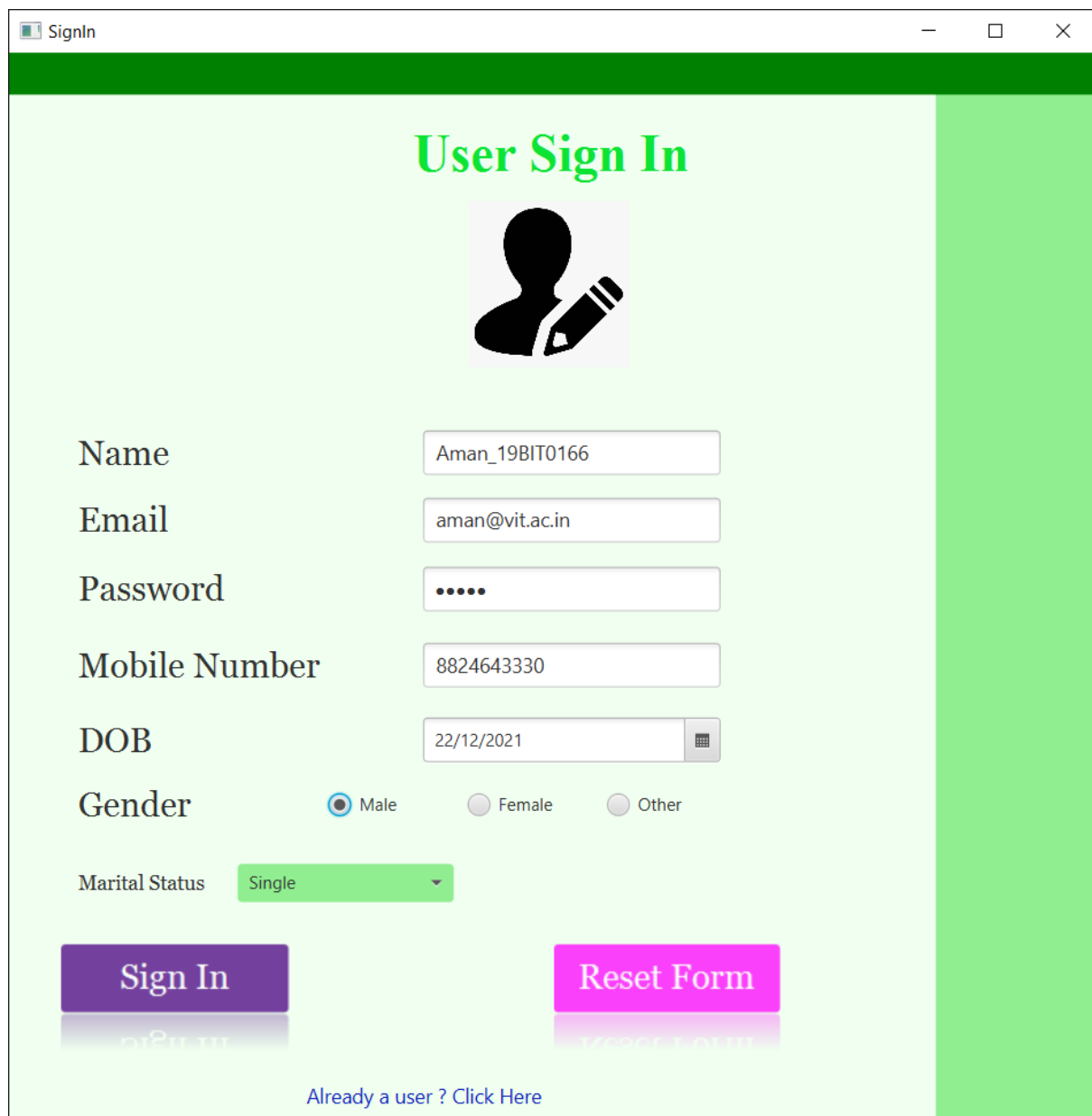
```
MySQL 8.0 Command Line Client
mysql> use employee_management;
Database changed
mysql> select * from emp_data;
+-----+-----+-----+-----+-----+-----+-----+-----+
| name  | email      | password | mobile    | dob       | gender | color | mt_status |
+-----+-----+-----+-----+-----+-----+-----+-----+
| Aman  | am@as.in  | 123      | 9876543210 | 2021-12-16 | Male   | NULL  | Single    |
| Harry | as@123.in | 789      | 9414678954 | 2021-12-07 | Male   | NULL  | Single    |
| Denk  | dk@qwe.in | 123      | 9876543210 | 2021-12-23 | Female | NULL  | Married   |
| Jerry | jk@123.in | 120      | 951324892  | 2021-12-10 | Other  | NULL  | Divorsee  |
| Rohan | rn@123.in | 321      | 9876543210 | 2021-12-16 | Female | NULL  | Divorsee  |
+-----+-----+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> _
```

Performing CRUD operations in mySQL database using javaFx project :

CREATE (C) :

Creating account using JavaFX registration form :



The screenshot shows a JavaFX application window titled "SignIn". The main content area has a light green background and a dark green header bar. The title "User Sign In" is displayed in green text. Below the title is a black silhouette icon of a person holding a smartphone. The form contains several input fields and buttons:

- Name:** Text input field containing "Aman_19BIT0166".
- Email:** Text input field containing "aman@vit.ac.in".
- Password:** Password input field with masked characters ".....".
- Mobile Number:** Text input field containing "8824643330".
- DOB:** Date input field containing "22/12/2021" with a calendar icon.
- Gender:** Radio button group with three options: "Male" (selected), "Female", and "Other".
- Marital Status:** A green dropdown menu currently showing "Single".
- Buttons:** A purple "Sign In" button and a pink "Reset Form" button.
- Footer:** A link that says "Already a user ? Click Here".

Database before and after creating account :

```
MySQL 8.0 Command Line Client
mysql> use employee_management;
Database changed
mysql> select * from emp_data;
```

name	email	password	mobile	dob	gender	color	mt_status
Aman	am@as.in	123	9876543210	2021-12-16	Male	NULL	Single
Harry	as@123.in	789	9414678954	2021-12-07	Male	NULL	Single
Denk	dk@qwe.in	123	9876543210	2021-12-23	Female	NULL	Married
Jerry	jk@123.in	120	951324892	2021-12-10	Other	NULL	Divorsee
Rohan	rn@123.in	321	9876543210	2021-12-16	Female	NULL	Divorsee

```
5 rows in set (0.00 sec)

mysql> select * from emp_data;
```

name	email	password	mobile	dob	gender	color	mt_status
Aman	am@as.in	123	9876543210	2021-12-16	Male	NULL	Single
Aman_19BIT0166	aman@vit.ac.in	qwert	8824643330	2021-12-22	Male	NULL	Single
Harry	as@123.in	789	9414678954	2021-12-07	Male	NULL	Single
Denk	dk@qwe.in	123	9876543210	2021-12-23	Female	NULL	Married
Jerry	jk@123.in	120	951324892	2021-12-10	Other	NULL	Divorsee
Rohan	rn@123.in	321	9876543210	2021-12-16	Female	NULL	Divorsee

```
6 rows in set (0.00 sec)

mysql>
```

READ (R) :

Reading data from database using login form :

Login Page

User Login

Username

aman@vit.ac.in

Password

•••••

☒ Remember Me

Login

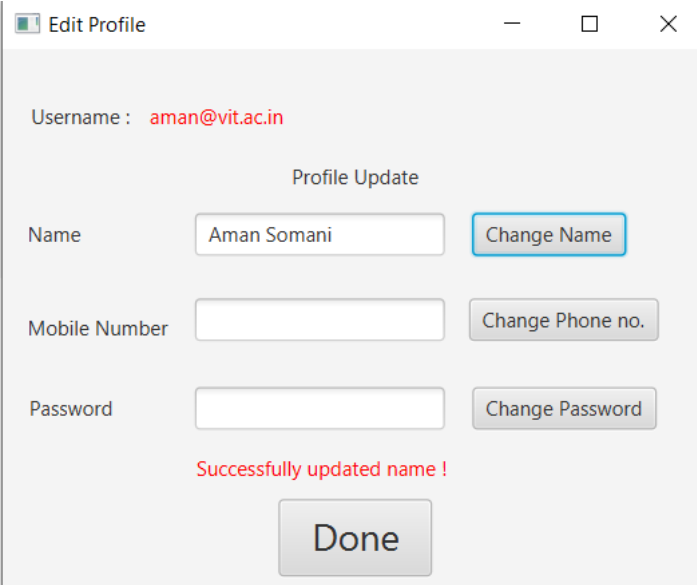
Successful Login :



UPDATE (U) :

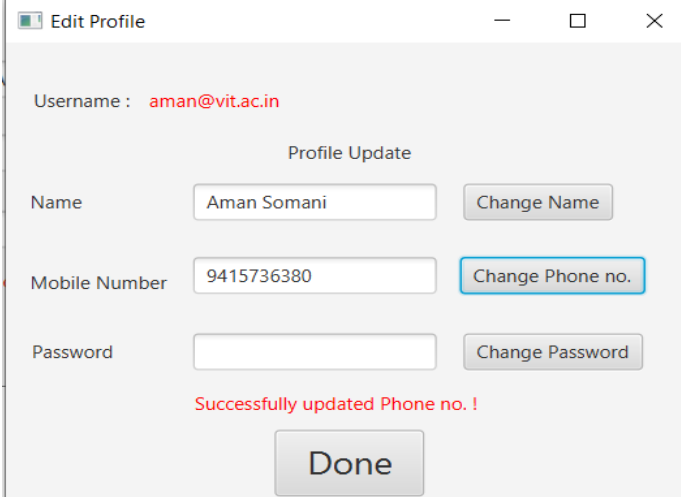
Updating user data :

- Changing name :



The screenshot shows a window titled "Edit Profile" with standard window controls (minimize, maximize, close). Inside, the "Username" is displayed as "aman@vit.ac.in". Below this, the "Profile Update" section contains three rows: "Name" with a text box containing "Aman Somani" and a "Change Name" button; "Mobile Number" with an empty text box and a "Change Phone no." button; and "Password" with an empty text box and a "Change Password" button. A red message "Successfully updated name !" is displayed below the buttons. At the bottom is a "Done" button.

- Changing mobile number :



The screenshot shows the same "Edit Profile" window. In this state, the "Name" field remains "Aman Somani". The "Mobile Number" text box now contains "9415736380", and the "Change Phone no." button is highlighted with a blue border. The "Change Name" button is now disabled. The red message "Successfully updated Phone no. !" is displayed. The "Done" button remains at the bottom.

- Changing password :

The 'Edit Profile' window displays the following information and controls:

- Username:** aman@vit.ac.in
- Profile Update Section:**
 - Name:** Aman Somani (with a 'Change Name' button)
 - Mobile Number:** 9415736380 (with a 'Change Phone no.' button)
 - Password:** [Masked with dots] (with a 'Change Password' button)
- Feedback:** A red message 'Successfully updated password !' is shown below the password field.
- Action:** A 'Done' button is located at the bottom center.

Database before and after UPDATING user profile :

```
MySQL 8.0 Command Line Client
mysql> select * from emp_data;
```

name	email	password	mobile	dob	gender	color	mt_status
Aman	am@as.in	123	9876543210	2021-12-16	Male	NULL	Single
Aman_19BIT0166	aman@vit.ac.in	qwert	8824643330	2021-12-22	Male	NULL	Single
Harry	as@123.in	789	9414678954	2021-12-07	Male	NULL	Single
Denk	dk@qwe.in	123	9876543210	2021-12-23	Female	NULL	Married
Jerry	jk@123.in	120	951324892	2021-12-10	Other	NULL	Divorsee
Rohan	rn@123.in	321	9876543210	2021-12-16	Female	NULL	Divorsee

```
6 rows in set (0.00 sec)

mysql> select * from emp_data;
```

name	email	password	mobile	dob	gender	color	mt_status
Aman	am@as.in	123	9876543210	2021-12-16	Male	NULL	Single
Aman Somani	aman@vit.ac.in	123456	9415736380	2021-12-22	Male	NULL	Single
Harry	as@123.in	789	9414678954	2021-12-07	Male	NULL	Single
Denk	dk@qwe.in	123	9876543210	2021-12-23	Female	NULL	Married
Jerry	jk@123.in	120	951324892	2021-12-10	Other	NULL	Divorsee
Rohan	rn@123.in	321	9876543210	2021-12-16	Female	NULL	Divorsee

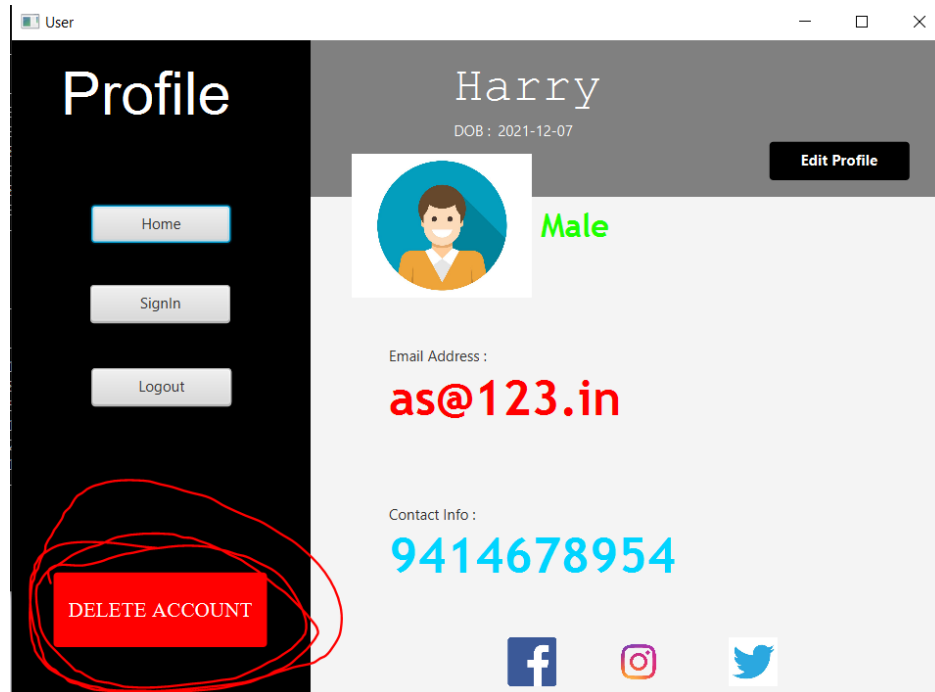
```
6 rows in set (0.00 sec)

mysql>
```

DELETE (D) :

Deleting user profile :

Clicking on **DELETE ACCOUNT** button will delete the user permanently :



Database before and after deleting the user :

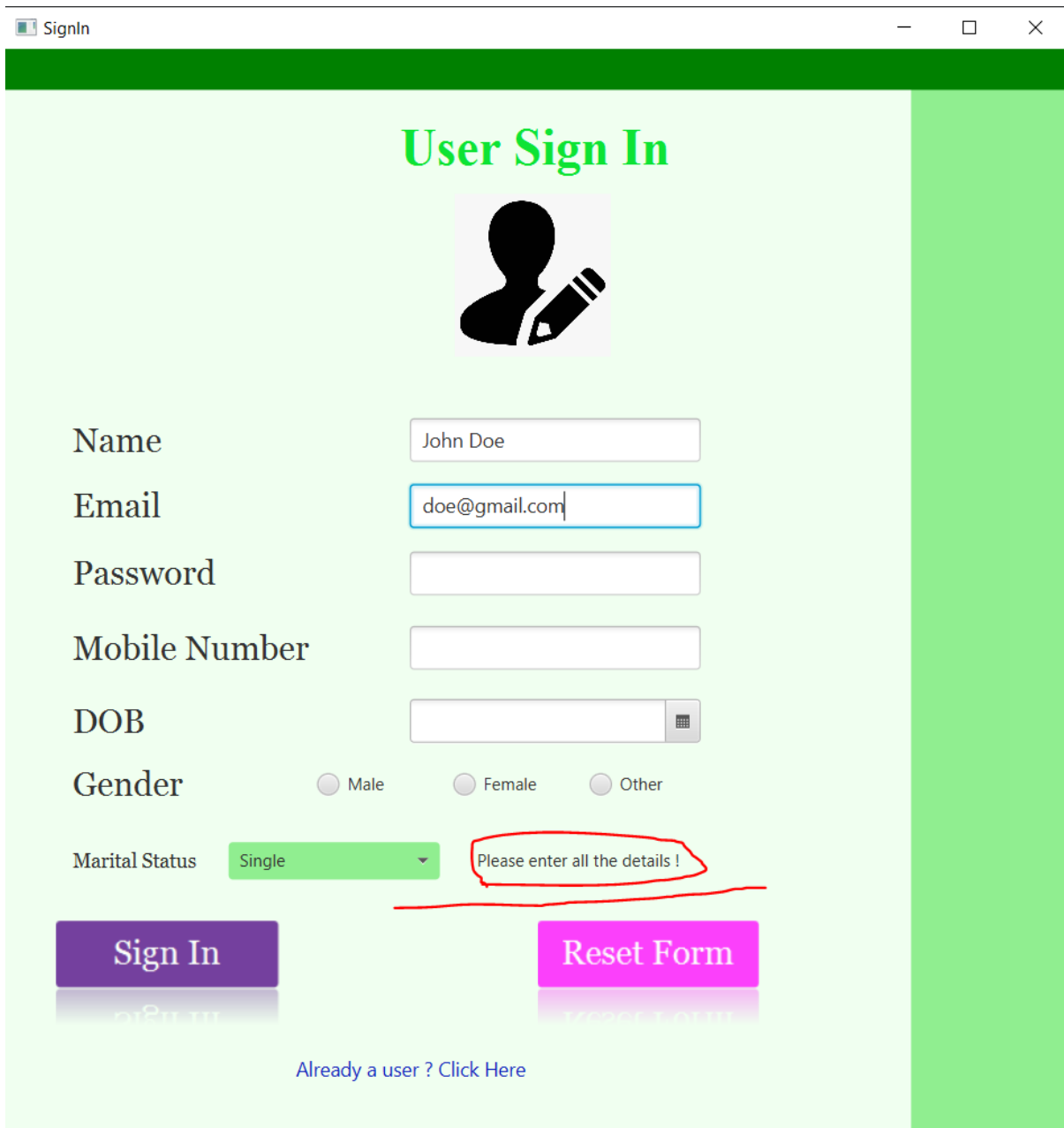
```
MySQL 8.0 Command Line Client
mysql> select * from emp_data;
+-----+-----+-----+-----+-----+-----+-----+-----+
| name      | email      | password | mobile  | dob       | gender | color | mt_status |
+-----+-----+-----+-----+-----+-----+-----+-----+
| Aman      | am@as.in   | 123      | 9876543210 | 2021-12-16 | Male   | NULL  | Single    |
| Aman Somani | aman@vit.ac.in | 123456   | 9415736380 | 2021-12-22 | Male   | NULL  | Single    |
| Harry     | as@123.in  | 789      | 9414678954 | 2021-12-07 | Male   | NULL  | Single    |
| Denk      | dk@qwe.in  | 123      | 9876543210 | 2021-12-23 | Female | NULL  | Married   |
| Jerry     | jk@123.in  | 120      | 951324892  | 2021-12-10 | Other  | NULL  | Divorsee  |
| Rohan     | rn@123.in  | 321      | 9876543210 | 2021-12-16 | Female | NULL  | Divorsee  |
+-----+-----+-----+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)

mysql> select * from emp_data;
+-----+-----+-----+-----+-----+-----+-----+-----+
| name      | email      | password | mobile  | dob       | gender | color | mt_status |
+-----+-----+-----+-----+-----+-----+-----+-----+
| Aman      | am@as.in   | 123      | 9876543210 | 2021-12-16 | Male   | NULL  | Single    |
| Aman Somani | aman@vit.ac.in | 123456   | 9415736380 | 2021-12-22 | Male   | NULL  | Single    |
| Denk      | dk@qwe.in  | 123      | 9876543210 | 2021-12-23 | Female | NULL  | Married   |
| Jerry     | jk@123.in  | 120      | 951324892  | 2021-12-10 | Other  | NULL  | Divorsee  |
| Rohan     | rn@123.in  | 321      | 9876543210 | 2021-12-16 | Female | NULL  | Divorsee  |
+-----+-----+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> _
```

- **Validation :**

- Entering incomplete details and submitting the form :



The screenshot shows a web browser window titled 'SignIn'. The page has a green header and a light green background. The title 'User Sign In' is displayed in green text, accompanied by an icon of a person holding a document. The form contains the following fields and controls:

- Name:** Text input with 'John Doe' entered.
- Email:** Text input with 'doe@gmail.com' entered.
- Password:** Empty text input.
- Mobile Number:** Empty text input.
- DOB:** Empty date input field.
- Gender:** Radio buttons for 'Male', 'Female', and 'Other'.
- Marital Status:** A dropdown menu currently showing 'Single'.


Below the 'Marital Status' dropdown, a red-bordered box contains the message 'Please enter all the details !', which is underlined with a red line. At the bottom of the form, there are two buttons: a purple 'Sign In' button and a pink 'Reset Form' button. Below these buttons is a link that says 'Already a user ? Click Here'.

The system will prompt us to enter all the details before clicking "Sign In " button.

- Entering an already used email address for sign in:

SignIn

User Sign In



Name

Email

Password

Mobile Number

DOB

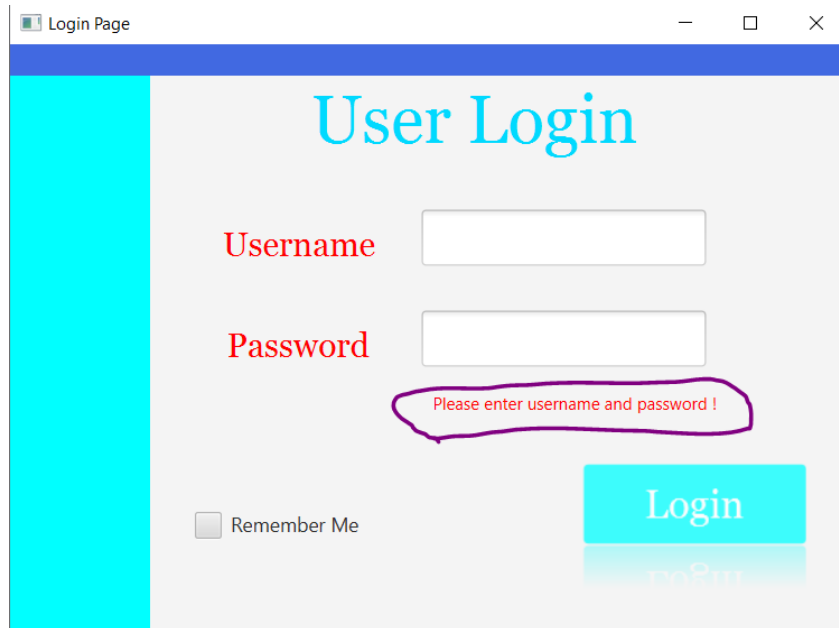
Gender ☒ Male ☐ Female ☐ Other

Marital Status Email address already taken :(

[Already a user ? Click Here](#)

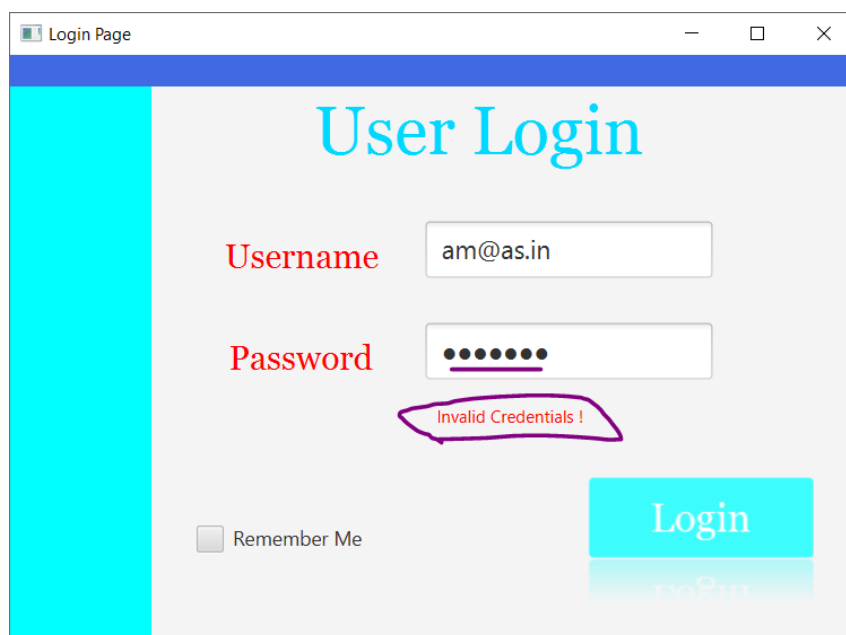
Login Page :

- Clicking 'Login button' without entering required fields.



A screenshot of a web browser window titled "Login Page". The page has a blue header bar. Below the header, the title "User Login" is displayed in a large, blue, serif font. There are two input fields: "Username" and "Password", both with red labels. The "Username" field is empty, and the "Password" field is also empty. Below the "Password" field, there is a red error message "Please enter username and password !" enclosed in a purple oval. To the left of the "Login" button, there is a checkbox labeled "Remember Me". The "Login" button is a blue rectangle with the word "Login" in white text.

- Entering wrong password :



A screenshot of a web browser window titled "Login Page". The page has a blue header bar. Below the header, the title "User Login" is displayed in a large, blue, serif font. There are two input fields: "Username" and "Password", both with red labels. The "Username" field contains the text "am@as.in". The "Password" field contains a series of black dots, indicating a password is entered. Below the "Password" field, there is a red error message "Invalid Credentials !" enclosed in a purple oval. To the left of the "Login" button, there is a checkbox labeled "Remember Me". The "Login" button is a blue rectangle with the word "Login" in white text.

CODE :

This code can also be viewed at :

https://github.com/Aman235820/JavaFx_Employee_Management_System

- Database connection using jdbc :

```
package Connection;

import java.sql.Connection;
import java.sql.DriverManager;

public class ConnectionClass {
    public Connection con;

    public Connection getConnection() {
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");

            con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/employee_management", "root", "aman");

        } catch (Exception e) {
            System.out.println(e);
        }
    }
}
```

```

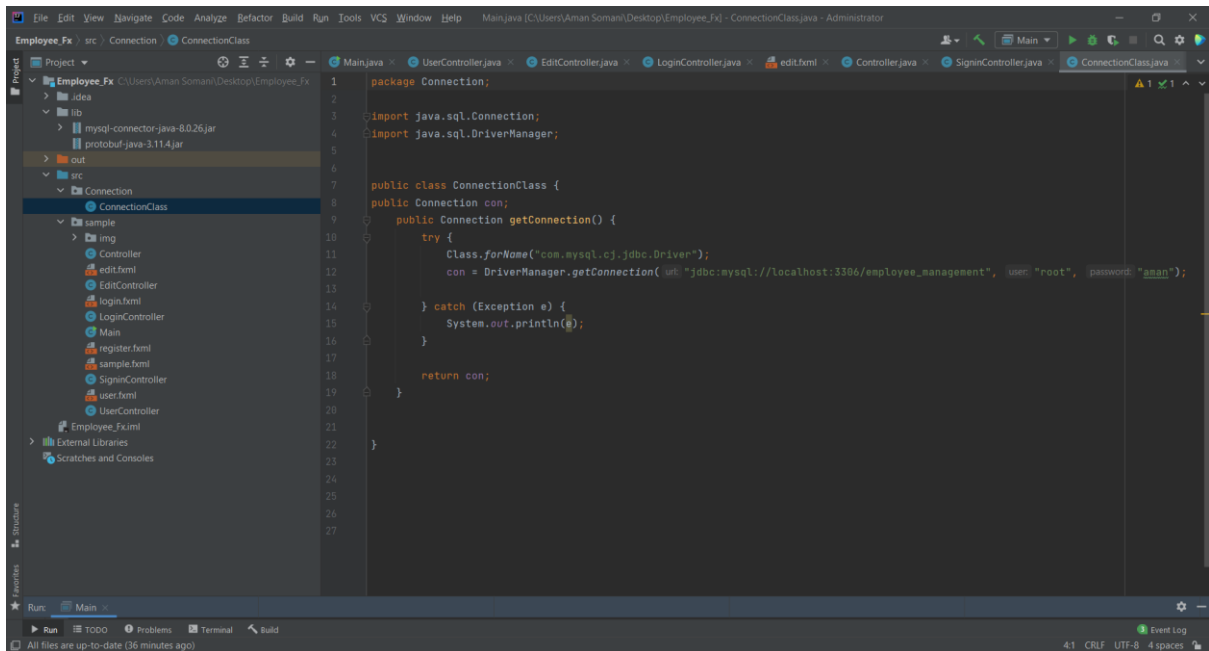
    }

    return con;

}

}

```



Main.java

```

package sample;

import javafx.application.Application;
import javafx.fxml.FXMLLoader;
import javafx.scene.Parent;
import javafx.scene.Scene;
import javafx.stage.Stage;

public class Main extends Application {

    @Override
    public void start(Stage primaryStage) throws Exception{
        Parent root =
FXMLLoader.load(getClass().getResource("sample.fxml"));
        primaryStage.setTitle("Dashboard");
    }
}

```

```

        primaryStage.setScene(new Scene(root, 941, 631));
        primaryStage.show();
    }

    public static void main(String[] args) {
        launch(args);
    }
}

```

Controllers :

Controller.java

```

package sample;

import javafx.event.ActionEvent;
import javafx.fxml.FXML;
import javafx.fxml.FXMLLoader;
import javafx.fxml.Initializable;
import javafx.scene.Parent;
import javafx.scene.Scene;
import javafx.scene.control.Button;
import javafx.stage.Stage;

import java.io.IOException;
import java.sql.SQLOutput;

public class Controller {

    @FXML
    private Button signbtn;

    @FXML
    private Button logbtn;

    @FXML
    public void signin(ActionEvent actionEvent) throws IOException{

        FXMLLoader fxmlloader = new
FXMLLoader(getClass().getResource("register.fxml"));
        Parent root1 = (Parent) fxmlloader.load();

        Stage stage = new Stage();
        stage.setTitle("SignIn");
        stage.setScene(new Scene(root1));
        stage.show();

    }

    @FXML
    public void login(ActionEvent actionEvent) throws IOException{

```

```

        FXMLLoader fxmLoader = new
FXMLLoader(getClass().getResource("login.fxml"));
        Parent root2 = (Parent) fxmLoader.load();

        Stage stage = new Stage();
        stage.setTitle("Login Page");
        stage.setScene(new Scene(root2));
        stage.show();

    }

}

```

SigninContoller.java

```

package sample;

import javafx.beans.value.ChangeListener;
import javafx.collections.FXCollections;
import javafx.collections.ObservableList;
import javafx.event.ActionEvent;
import javafx.fxml.FXML;
import javafx.fxml.FXMLLoader;
import javafx.scene.Node;
import javafx.scene.Parent;
import javafx.scene.Scene;
import javafx.scene.control.*;
import Connection.ConnectionClass;
import javafx.scene.paint.Color;
import javafx.stage.Stage;

import java.io.IOException;
import java.sql.*;
import java.time.LocalDate;
import java.time.format.DateTimeFormatter;

public class SigninController {

    ObservableList<String> maritalStatusList =
FXCollections.observableArrayList("Single", "Married", "Divorsee");

    @FXML
    private ChoiceBox maritalStatusBox;

    @FXML
    private Button signin;
    private Button res;

    @FXML
    private TextField nm;

    @FXML

```

```

private TextField mail;

@FXML
private PasswordField pass;

@FXML
private TextField phn;

@FXML
private RadioButton rbt1, rbt2, rbt3;

@FXML
private DatePicker dob;

@FXML
private Label lbl;

String gender="";

@FXML
public void getGen(ActionEvent actionEvent){

    if(rbt1.isSelected()){
        gender=rbt1.getText();
    }
    else if(rbt2.isSelected()){
        gender=rbt2.getText();
    }
    else if(rbt3.isSelected()){
        gender=rbt3.getText();
    }
}

@FXML
private void initialize(){
    maritalStatusBox.setValue("Single");
    maritalStatusBox.setItems(maritalStatusList);

}

String dat = "";
@FXML
public void getDate(ActionEvent actionEvent){
    try {
        LocalDate mydate = dob.getValue();
        dat = mydate.toString();
    }catch(Exception e){

    }
}

@FXML
public void submit(ActionEvent actionEvent) throws SQLException{

```

```

        if((!(nm.getText()).equals("")) && (!(mail.getText()).equals(""))
        && (!(pass.getText()).equals("")) && (!(phn.getText()).equals("")) &&
        (!(gender).equals("")) && (!(dat).equals("")) ){
            try {
                ConnectionClass connectionClass = new ConnectionClass();
                Connection connection = connectionClass.getConnection();

                String sql = "insert into emp_data
(name,email,password,mobile,dob,gender,mt_status) values(' + nm.getText()
+ " , ' + mail.getText() + " , ' + pass.getText() + " , ' +
phn.getText() + " , ' + dat + " , ' + gender + " , ' +
maritalStatusBox.getValue() + ")";
                Statement statement = connection.createStatement();
                statement.executeUpdate(sql);
                //System.out.println(sql);

                //opening user profile
                FXMLLoader fxmlLoader = new
FXMLLoader(getClass().getResource("user.fxml"));
                Parent root2 = (Parent) fxmlLoader.load();
                UserController usc = fxmlLoader.getController();
                usc.setLabel(mail.getText());
                Stage stage = new Stage();
                stage.setTitle("User");
                stage.setScene(new Scene(root2));
                stage.show();

                //closing the login page
                Node n = (Node) actionEvent.getSource();
                Stage st = (Stage) n.getScene().getWindow();
                st.close();

            } catch (SQLException e) {
                lbl.setText("Email address already taken :(");
            }
            catch (IOException e) {
                e.printStackTrace();
            }
        }
        else{
            lbl.setText("Please enter all the details !");
        }
    }

    @FXML
    public void reset(ActionEvent actionEvent){
        nm.setText("");
        mail.setText("");
        pass.setText("");
        phn.setText("");
        rbt1.setSelected(false);
        rbt2.setSelected(false);
        rbt3.setSelected(false);
        dob.setValue(null);
        maritalStatusBox.setValue("Single");
    }

```

```
}
```

LoginController.java

```
package sample;

import Connection.ConnectionClass;
import javafx.event.ActionEvent;
import javafx.fxml.FXML;
import javafx.fxml.FXMLLoader;
import javafx.scene.Node;
import javafx.scene.Parent;
import javafx.scene.Scene;
import javafx.scene.control.Button;
import javafx.scene.control.Label;
import javafx.scene.control.PasswordField;
import javafx.scene.control.TextField;
import javafx.stage.Stage;

import java.sql.Connection;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;

public class LoginController {

    @FXML
    private Button log_in;

    @FXML
    private TextField user;

    @FXML
    private PasswordField pass;

    @FXML
    private Label err;

    @FXML
    public void loggedin(ActionEvent actionEvent) throws SQLException {

        if(user.getText().isBlank() == false ||
pass.getText().isBlank() == false) {
            ConnectionClass connectionClass = new
ConnectionClass();
            Connection connection =
connectionClass.getConnection();

            String sql = "select count(1) from emp_data where
email = '" + user.getText() + "' and password = '"+pass.getText()+"'";
            try {
                Statement statement =
connection.createStatement();
                ResultSet rs = statement.executeQuery(sql);
                while(rs.next()) {
```

```

        if(rs.getInt(1)==1){

            //opening user profile
            FXMLLoader fxmllLoader = new
FXMLLoader(getClass().getResource("user.fxml"));
            Parent root2 = (Parent) fxmllLoader.load();
            UserController usc =
fxmllLoader.getController();

            usc.setLabel(user.getText());
            Stage stage = new Stage();
            stage.setTitle("User");
            stage.setScene(new Scene(root2));
            stage.show();

            //closing the login page
            Node n = (Node) actionEvent.getSource();
            Stage st = (Stage)
n.getScene().getWindow();

            st.close();

        }
        else{
            err.setText("Invalid Credentials !");
        }
    }
} catch (Exception e) {
    e.printStackTrace();
}
}
else {
    err.setText("Please enter username and password !");
}
}

}
}

```

UserController.java

```

package sample;

import Connection.ConnectionClass;
import javafx.event.ActionEvent;
import javafx.fxml.FXML;
import javafx.fxml.FXMLLoader;
import javafx.scene.Node;
import javafx.scene.Parent;
import javafx.scene.Scene;
import javafx.scene.control.Button;
import javafx.scene.control.Label;
import javafx.stage.Stage;

```



```

import java.io.IOException;
import java.sql.Connection;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;

public class UserController {

    @FXML
    public Label email;
    public Label lb1;
    public Label lb4;
    public Label lb5;
    public Label lb6;

    @FXML
    public Button bt1;
    public Button bt2;
    public Button bt3;
    public Button edit;
    public Button del;

    @FXML
    public void setLabel(String mail) {
        email.setText(mail);

        ConnectionClass connectionClass = new ConnectionClass();
        Connection connection = connectionClass.getConnection();

        String sql = "select * from emp_data where email = '" + mail + "'";
        try {
            Statement statement = connection.createStatement();
            ResultSet rs = statement.executeQuery(sql);
            while (rs.next()) {
                lb1.setText(rs.getString(1));
                lb4.setText(rs.getString(4));
                lb5.setText(rs.getString(5));
                lb6.setText(rs.getString(6));
            }
        } catch (SQLException e) {
            e.printStackTrace();
        }
    }

    @FXML
    public void home(ActionEvent actionEvent){

        //closing the page
        Node n = (Node) actionEvent.getSource();
        Stage st = (Stage) n.getScene().getWindow();
        st.close();
    }

    @FXML
    public void sign(ActionEvent actionEvent) throws IOException {

        FXMLLoader fxmlLoader = new

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FXMLLoader(getClass().getResource("register.fxml"));
Parent root1 = (Parent) fxmlLoader.load();

Stage stage = new Stage();
stage.setTitle("SignIn");
stage.setScene(new Scene(root1));
stage.show();

//closing the page
Node n = (Node) actionEvent.getSource();
Stage st = (Stage) n.getScene().getWindow();
st.close();

}

@FXML
public void logout(ActionEvent actionEvent) throws IOException {

    FXMLLoader fxmlLoader = new
FXMLLoader(getClass().getResource("login.fxml"));
    Parent root2 = (Parent) fxmlLoader.load();

    Stage stage = new Stage();
    stage.setTitle("Login Page");
    stage.setScene(new Scene(root2));
    stage.show();

    //closing the page
    Node n = (Node) actionEvent.getSource();
    Stage st = (Stage) n.getScene().getWindow();
    st.close();

}

@FXML
public void update(ActionEvent actionEvent) throws IOException {

    FXMLLoader loader = new
FXMLLoader(getClass().getResource("edit.fxml"));
    Parent root3 = (Parent) loader.load();
    EditController esc = loader.getController();
    esc.setLabel1(email.getText());
    Stage stage = new Stage();
    stage.setTitle("Edit Profile");
    stage.setScene(new Scene(root3));
    stage.show();

    //closing the profile
    Node n = (Node) actionEvent.getSource();
    Stage st = (Stage) n.getScene().getWindow();
    st.close();

}

@FXML
public void delete(ActionEvent actionEvent) throws SQLException{

    ConnectionClass connectionClass = new ConnectionClass();
    Connection connection = connectionClass.getConnection();

    String sql = "delete from emp data where email =

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        '"+email.getText()+"';";
        try {
            Statement statement = connection.createStatement();
            statement.executeUpdate(sql);

        } catch (SQLException e) {
            e.printStackTrace();
        }

        //closing the profile
        Node n = (Node) actionEvent.getSource();
        Stage st = (Stage) n.getScene().getWindow();
        st.close();
    }
}

```

EditController.java

```

package sample;

import Connection.ConnectionClass;
import javafx.event.ActionEvent;
import javafx.fxml.FXML;
import javafx.scene.Node;
import javafx.scene.control.Button;
import javafx.scene.control.Label;
import javafx.scene.control.TextField;
import javafx.stage.Stage;

import java.sql.Connection;
import java.sql.SQLException;
import java.sql.Statement;

public class EditController {

    @FXML
    public Label mail;
    public Label err;

    @FXML
    public TextField editnm;
    public TextField editphn;
    public TextField editpass;

    @FXML
    public Button bt1;
    public Button bt2;
    public Button bt3;
    public Button finish;
}

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@FXML
public void setLabel1(String id){
    mail.setText(id);
}

@FXML
public void name(ActionEvent actionEvent) throws SQLException {
    if((editnm.getText()).equals("")){
        err.setText("Please enter name");
    }
    else{

        ConnectionClass connectionClass = new ConnectionClass();
        Connection connection = connectionClass.getConnection();

        String sql = "update emp_data set name =
'"+editnm.getText()+" 'where email = '" +mail.getText()+ "';";
        Statement statement = connection.createStatement();
        statement.executeUpdate(sql);
        err.setText("Successfully updated name !");
    }
}

@FXML
public void phn(ActionEvent actionEvent) throws SQLException{
    if((editphn.getText()).equals("")){
        err.setText("Please enter mobile no.");
    }
    else{

        ConnectionClass connectionClass = new ConnectionClass();
        Connection connection = connectionClass.getConnection();

        String sql = "update emp_data set mobile =
'"+editphn.getText()+" 'where email = '" +mail.getText()+ "';";
        Statement statement = connection.createStatement();
        statement.executeUpdate(sql);
        err.setText("Successfully updated Phone no. !");
    }
}

@FXML
public void pass(ActionEvent actionEvent) throws SQLException{
    if((editpass.getText()).equals("")){
        err.setText("Please enter new Password");
    }
    else{

        ConnectionClass connectionClass = new ConnectionClass();
        Connection connection = connectionClass.getConnection();

        String sql = "update emp_data set password =
'"+editpass.getText()+" 'where email = '" +mail.getText()+ "';";
        Statement statement = connection.createStatement();
        statement.executeUpdate(sql);
        err.setText("Successfully updated password !");
    }
}

```

```
@FXML
public void close(ActionEvent actionEvent){
    //closing the page
    Node n = (Node) actionEvent.getSource();
    Stage st = (Stage) n.getScene().getWindow();
    st.close();
}
}
```