

INDUSTRY ORIENTED PROJECT

TRAINING REPORT

GO FIT

Submitted in the partial fulfilment of the
Requirements for the award of
Degree of Bachelor of Technology in Computer Science & Engineering



Submitted To:
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INFOTECHMON PVT. LTD.

CERTIFICATE

This is to certify that Mr. Aranshu Bansal has partially completed the 4-Month Industrial Oriented Project Training during the period from 8 April 2021 to 8 May 2021 in our Organization / Industry as a Partial Fulfillment of Degree of Bachelor of Technology in Computer Science & Engineering. He was trained in the field of Java

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DECLARATION

I hereby declare that the Software Training Report entitled ("Go Fit") is an authentic record of my own work as requirements of 2- months Software Training during the period from 8 Feb 2021 to 8 April 2021 for the award of degree of B. Tech. (Computer Science & Engineering), **Chandigarh Engineering College** under the guidance of (Ms. Monika).



Aranshu Bansal

1702573

Date: 2 May 2021

Certified that the above statement made by the student is correct to the best of our knowledge and belief.

Signatures

Examined by:

1. Rajeev Sharma

2.

3.

4.

Sukhdeep Kaur
Head of Department
(Signature and Seal)

ACKNOWLEDGEMENT

I would like to place on record my deep sense of gratitude to Mr. Harjot Tiwana Dept. of Computer Science & Engineering, CEC-CGC, Landran for his/her generous guidance, help and useful suggestions.

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I also wish to extend my thanks to Mr. Harjot Tiwana for their insightful comments and constructive suggestions to improve the quality of this research work.

ARANSHU BANSAL(1702573, 8, W1)

ABOUT COMPANY

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ITM offers various 6 Months, 3 Months and 6 Weeks Industrial Trainings to all B-tech branches like Mechanical engineering, Civil engineering, Computer science, MCA, BCA, BBA/MBA and so on. Infotechmon offers Stipend based Internships and free technical placements support. ITM has been providing various innovative services successfully in the fields of IT like India Australia, USA, UK and Malaysia. Since having more than 5 years' experience. We take up every client as a challenge and produce measurable results. ITM knows very well how technology can bring you the value. We bring ideas to life through creative approach with quality that focuses on client success.

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Our prime objective is to render quality services in the three aspects that play a major role in IT industry. Our offering span across Telecom Network Integration Mechanical Engineering Solution, Software Engineering Solution, Automation Engineering solution, Business Application and Consulting. Software Engineering Solution.

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CHAPTER 1: INTRODUCTION

1 Introduction to the Project

We have designed an application in the era of a pandemic (Covid-19), called as 'Go Fit'. As we know in this difficult time it is safe to stay home, so this application is specially designed for the ones who love to be physically fit and active. People are not able to attend the gym physically, this service will help giving them the pleasure to feel the experience of a gym at home, they could simply enroll and enjoy all the services. Now coming on to the interface of an application.

We mainly have 3 components- The Administrator, Customer and a Trainer.

Administrator handles all the admin work. Keeping record of instruments, maintaining files which include customer's information and also files with information of a trainer, maintaining attendance sheet, have access to data related to the payments, who all have paid and the salary related information as well, sending reminders related to dues or reschedules. As administrator keeps a track record of payments so they have an access to give printed payment receipts to a customer. Administrator helps creating a roster of classes like Zumba, Yoga, Dance and others. Could enter the information and create an account for trainer

Coming on to Customer, there are two types of consumers, consumers with basic plan and consumers with premium plan. Basic and premium plans have their own different cost. Basic plan includes information with very few exercises and daily routine. They are not allowed for the classes like Zumba or Yoga and other. Consumer with a basic plan is not assigned a trainer and could not access information about a trainer or so. Whereas consumer with Premium subscription is eligible for trainer allotment and is allotted a trainer and could access the trainer component in the application. In premium plan, consumers get a diet plan and class access too. Full schedule of classes starts reflecting in their profile. Additional feature for customers is an in-build chat box, where they could chat and clear any doubts or could ask about any information.

Trainer is another component, trainer could see the data of a consumer, could check the regularity of a client in classes and could check their exercise schedules. Also, trainer gets a query and opportunity to resolve a query as well. Additional access to a trainer is that he could answer his clients and could talk to them through a chat box.

2 Technology used

JAVA

Java is a general-purpose, class-based, object-oriented programming language designed for having lesser implementation dependencies. It is a computing platform for application development. Java is fast, secure, and reliable, therefore. It is widely used for developing Java applications in laptops, data centers, game consoles, scientific supercomputers, cell phones, etc.

Java Technology is both a programming language and a platform.

Java: The Programming Language

The Java programming language is a high-level language that can be characterized by all of the following buzzwords:

- Simple
- Object oriented
- Distributed
- Interpreted
- Robust
- Secure
- Architecture neutral
- Portable
- High performance
- Multithreaded

With most programming languages, you either compile or interpret a program so that you can run it on your computer. The Java programming language is unusual in that a program is both compiled and interpreted. With the compiler, first you translate a program into an intermediate language called *Java byte codes* —the platform-independent codes interpreted by the interpreter on the Java platform. The interpreter parses and runs each Java byte code instruction on the computer. Compilation happens just once; interpretation occurs each time the program is executed. The following figure illustrates how this works.

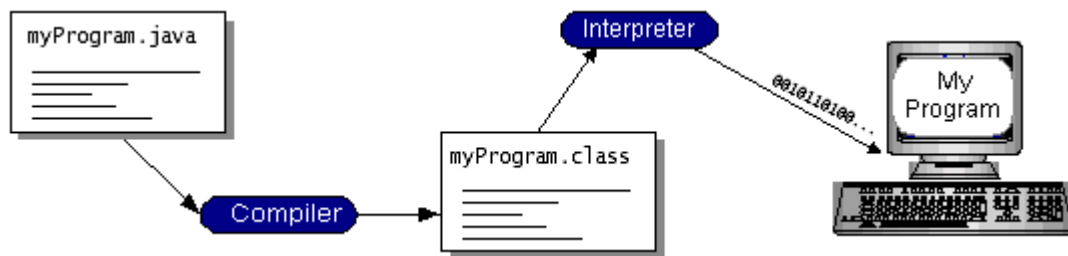


Figure 1 Java

You can think of Java byte codes as the machine code instructions for the *Java Virtual Machine* (Java VM). Every Java interpreter, whether it's a development tool or a Web browser that can run applets, is an implementation of the Java VM.

Java byte codes help make "write once, run anywhere" possible. You can compile your program into byte codes on any platform that has a Java compiler. The byte codes can then be run on any implementation of the Java VM. That means that as long as a computer has a Java VM, the same program written in the Java programming language can run on Windows 2000, a Solaris workstation, or on an iMac.

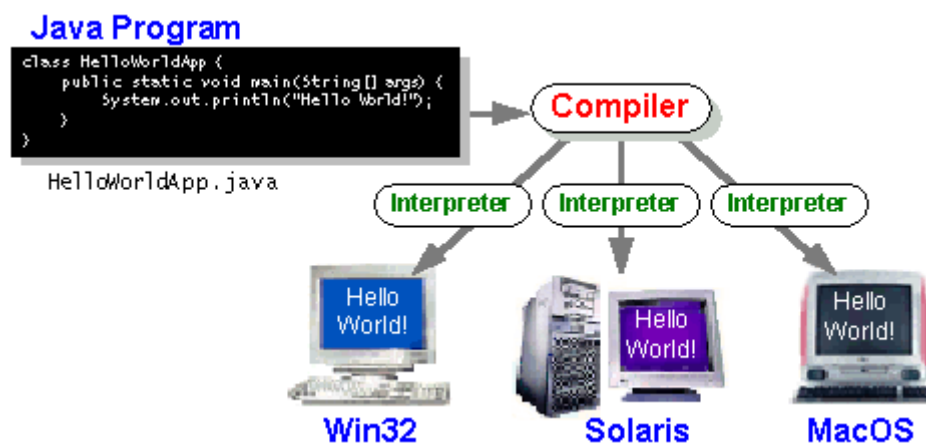


Figure 2 Java Compiler

Java: The Platform

A *platform* is the hardware or software environment in which a program runs. We've already mentioned some of the most popular platforms like Windows 2000, Linux, Solaris, and MacOS. Most platforms can be described as a combination of the operating system and hardware. The Java platform differs from most other platforms in that it's a software-only platform that runs on top of other hardware-based platforms.

The Java platform has two components:

- The *Java Virtual Machine* (Java VM)
- The *Java Application Programming Interface* (Java API)

Java Virtual Machine is standardized hypothetical computer, which is emulated inside our computer by a program. It is base of Java platform and is ported onto various hardware-based platforms.

The Java API is a large collection of ready-made software components that provide many useful capabilities, such as graphical user interface (GUI) widgets. The Java API is grouped into libraries of related classes and interfaces; these libraries are known as *packages*.

The following figure depicts a program that's running on the Java platform. As the figure shows, the Java API and the virtual machine insulate the program from the hardware.

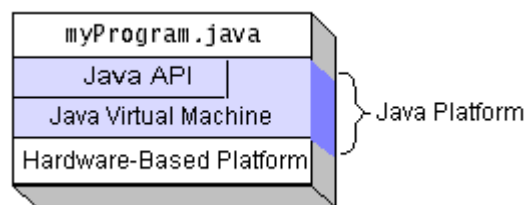


Figure 3 Java Platform

JAVA SWINGS

Swing API is a set of extensible GUI Components to ease the developer's life to create JAVA based Front End/GUI Applications. It is built on top of AWT API and acts as a replacement of AWT API, since it has almost every control corresponding to AWT controls. Swing component follows a Model-View-Controller architecture to fulfil the following criteria. A single

- API is to be sufficient to support multiple looks and feel.
- API is to be model driven so that the highest-level API is not required to have data.
- API is to use the Java Bean model so that Builder Tools and IDE can provide better services to the developers for use.

MVC Architecture

Swing API architecture follows loosely based MVC architecture in the following manner.

- Model represents component's data.
- View represents visual representation of the component's data.
- Controller takes the input from the user on the view and reflects the changes in Component's data.
- Swing component has Model as a separate element, while the View and Controller part are clubbed in the User Interface elements. Because of which, Swing has a pluggable look-and-feel architecture.

Swing Features

- Light Weight – Swing components are independent of native Operating System's API as Swing API controls are rendered mostly using pure JAVA code instead of underlying operating system calls.
- Rich Controls – Swing provides a rich set of advanced controls like Tree, Tabbed Pane, slider, Color picker, and table controls.
- Highly Customizable – Swing controls can be customized in a very easy way as visual appearance is independent of internal representation.
- Pluggable look-and-feel – SWING based GUI Application look and feel can be changed at run-time, based on available values

Java AWT

AWT is known as Abstract Window Toolkit which is *an API to develop GUI or window-based applications* in java. Java AWT components are platform-dependent i.e., components are displayed according to the view of operating system. AWT is heavyweight i.e., its components are using the resources of OS. The java.awt package provides classes for AWT api such as TextField, Label, TextArea, RadioButton, CheckBox, Choice, List etc.

Java AWT Hierarchy

The hierarchy of Java AWT classes are given below.

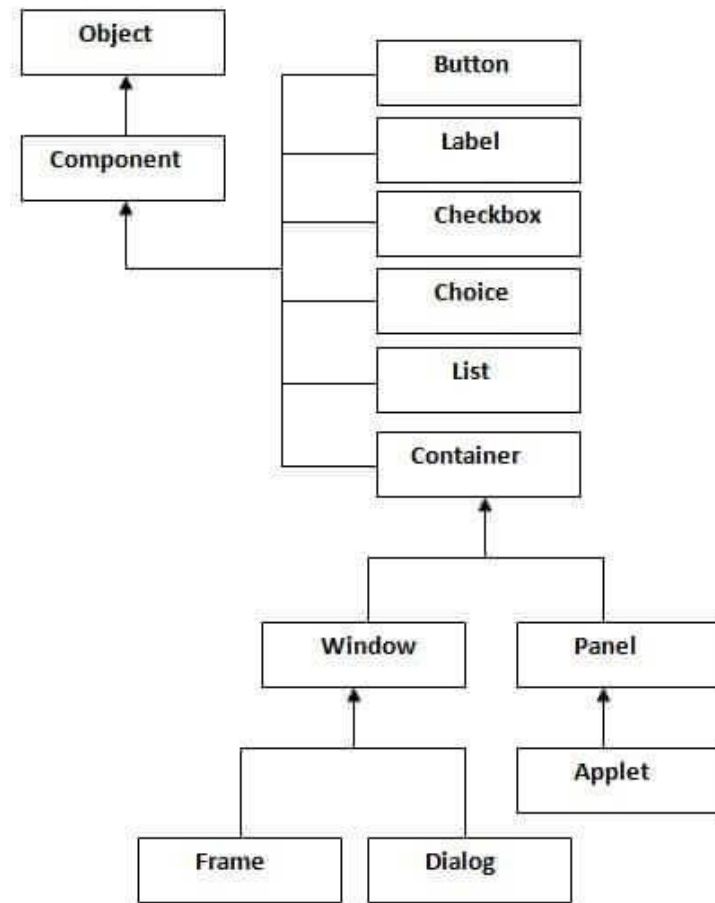


Figure 4 Java AWT

Container is a component in AWT that can contain other components like buttons, text fields, labels etc. The classes that extends Container class are known as container such as Frame, Dialog and Panel.

Window is the container that have no borders and menu bars. You must use frame, dialog or another window for creating a window.

Panel is the container that doesn't contain title bar and menu bars. It can have other components like button, text field etc.

Frame is the container that contain title bar and can have menu bars. It can have other components like button, text field etc.

My SQL

MySQL is the world's most popular open source relational database and Amazon RDS makes it easy to set up, operate, and scale MySQL deployments in the cloud. With Amazon RDS, you can deploy scalable MySQL servers in minutes with cost-efficient and resizable hardware capacity.

Amazon RDS for MySQL frees you up to focus on application development by managing time-consuming database administration tasks including backups, software patching, monitoring, scaling and replication.

Amazon RDS supports MySQL Community Edition versions 5.6, 5.7, and 8.0 which means that the code, applications, and tools you already use today can be used with Amazon RDS.

Name	Engine	Version	Row Format	Rows	Avg Row Length	Data Length
admin	InnoDB	10	Dynamic	1	16384	16.0 KiB
customer	InnoDB	10	Dynamic	5	3276	16.0 KiB
customer_date	InnoDB	10	Dynamic	1	16384	16.0 KiB
customer_fees	InnoDB	10	Dynamic	2	8192	16.0 KiB
customer_question	InnoDB	10	Dynamic	0	0	16.0 KiB
customer_trainer	InnoDB	10	Dynamic	2	8192	16.0 KiB
equipment	InnoDB	10	Dynamic	1	16384	16.0 KiB
feedback	InnoDB	10	Dynamic	0	0	16.0 KiB
trainer	InnoDB	10	Dynamic	0	0	16.0 KiB

Figure 5 My SQL Tables

CHAPTER 2: PROJECT DESIGN PHASE

1. Design phases of the Project

Phase 1: System/Information Engineering and Modeling

In this, the information of the project was gathered to meet the requirements. As software is always of a large system (or business), work begins by establishing requirements for all system elements and then allocating some subset of these requirements to software. This system view is essential when software must interface with other elements such as hardware, people and other resources. System is the basic and very critical requirement for the existence of software in any entity. So, if the system is not in place, the system should be engineered and put in place. In some cases, to extract the maximum output, the system should be re-engineered and spruced up. Once the ideal system is engineered or tuned, the development team studies the software requirement for the system.

Phase 2: Software Requirement Analysis

This is also known as feasibility study. In this phase, the development team visits the customer and studies their system. They investigate the need for possible software automation in the given system. By the end of the feasibility study, the team furnishes a document that holds the different specific recommendations for the candidate system. It also includes the personnel assignments, costs, project schedule, and target dates. The requirements gathering process is intensified and focused specially on software. To understand the nature of the program(s) to be built, the system engineer ("analyst") must understand the information domain for the software, as well as required function, behavior, performance and interfacing. The essential purpose of this phase is to find the need and to define the problem that needs to be solved.

Phase 3: System Analysis and Design

In this phase, the software development process, the software's overall structure and its nuances are defined. In terms of the client/server technology, the number of tiers needed for

the package architecture, the database design, the data structure design etc are all defined in this phase. A software development model is created. Analysis and Design are very crucial in the whole development cycle. Any glitch in the design phase could be very expensive to solve in the later stage of the software development. Much care is taken during this phase. The logical system of the product is developed in this phase.

Phase 4: Code generation

The code is written in Java, HTML, CSS and JavaScript. The design must be translated into a machine-readable form. The code generation step performs this task. If the design is performed in a detailed manner, code generation can be accomplished without much complication. Programming tools like Compilers, Interpreters, and Debuggers are used to generate the code. Different high level programming languages like C, C++, Pascal, and Java are used for coding. With respect to the type of application, the right programming language is chosen.

Phase 5: Testing

Different tests were performed to check the proper functioning of GO FIT. Different test users were added to check the authenticity and proper functioning of the code. Several error cases were also tested and were corrected if any error was found. Once the code is generated, the software program testing begins. Different testing methodologies are available to unravel the bugs that were committed during the previous phases. Different testing tools and methodologies are already available. Some companies build their own testing tools that are tailor made for their own development operations.

Phase 6: Maintenance

Software will definitely undergo change once it is delivered to the customer. There are many reasons for the change. Change could happen because of some unexpected input values into the system. In addition, the changes in the system could directly affect the software

operations. The software should be developed to accommodate changes that could happen during the post implementation period.

2. DFD (Data Flow Diagram)

Data flow diagrams are used to graphically represent the flow of data in a business information system. DFD describes the processes that are involved in a system to transfer data from the input to the file storage and reports generation.

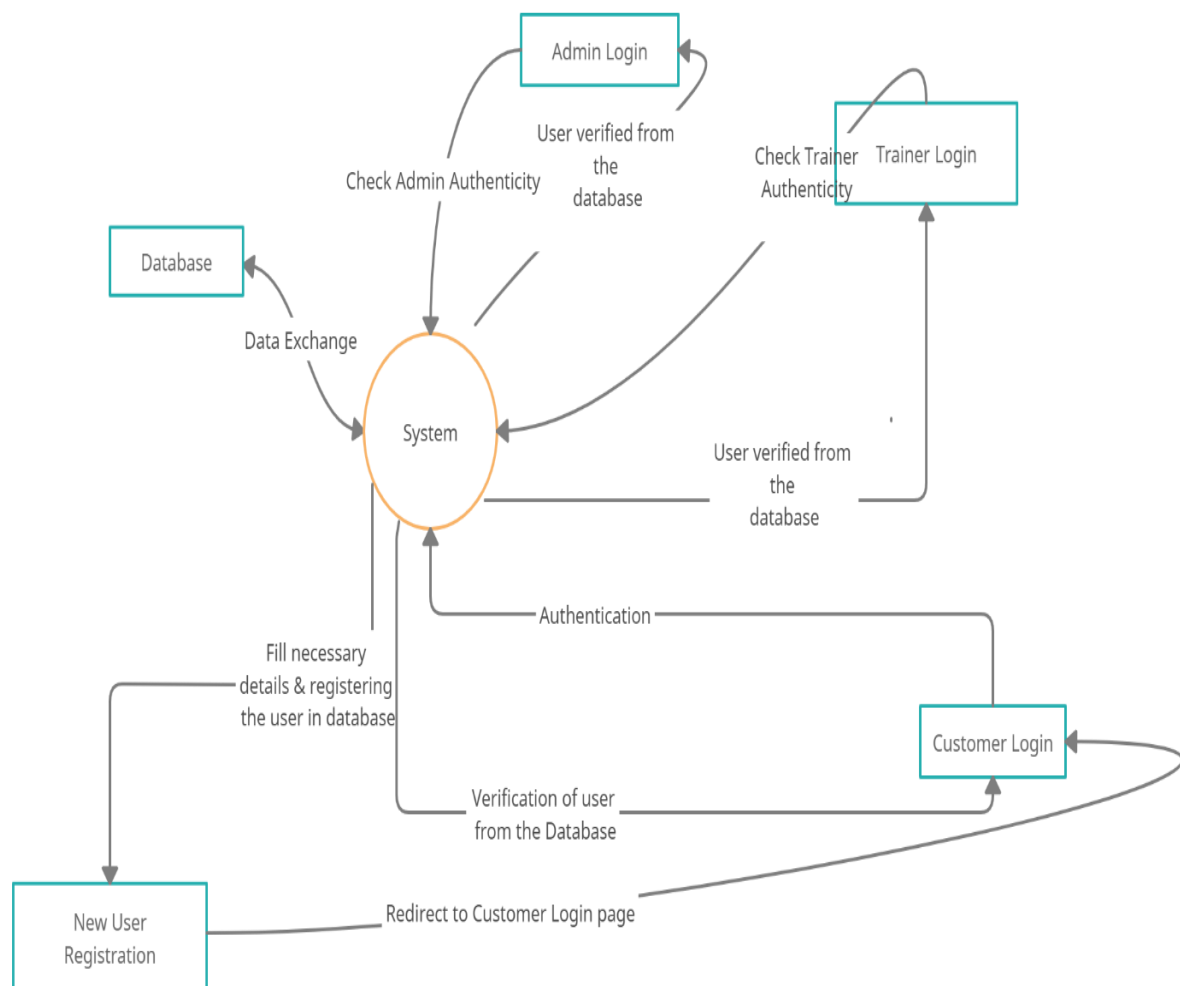


Figure 6 DFD

3. Entity Relationship Diagram

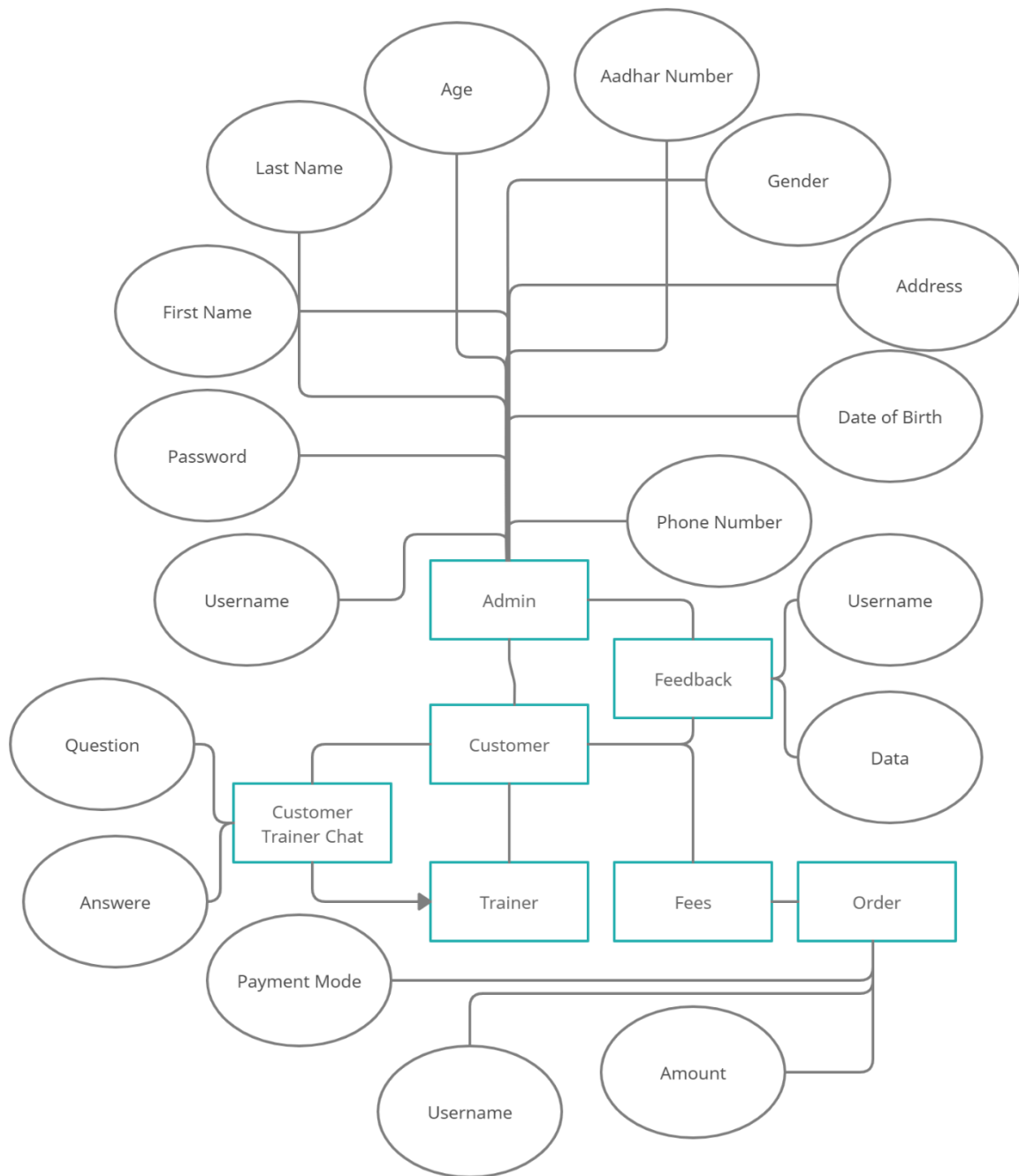


Figure 7 ER Diagram

CHAPTER 3: IMPLEMENTATION PHASE

1. Coding

Home Page

```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package go_fit;

import java.awt.Image;
import java.awt.Toolkit;
import java.awt.event.KeyEvent;
import javax.swing.ImageIcon;

/**
 *
 * @author arans
 */
public class HomePage extends javax.swing.JFrame {

    /**
     * Creates new form HomePage
     */

    public HomePage() {
        initComponents();
    }
}
```

```

/**
 * This method is called from within the constructor to initialize the form.
 * WARNING: Do NOT modify this code. The content of this method is always
 * regenerated by the Form Editor.
 */
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {

    jLabel1 = new javax.swing.JLabel();
    jPanel2 = new javax.swing.JPanel();
    jButton1 = new javax.swing.JButton();
    jButton2 = new javax.swing.JButton();
    jButton3 = new javax.swing.JButton();
    jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    jLabel4 = new javax.swing.JLabel();
    jLabel6 = new javax.swing.JLabel();
    jLabel5 = new javax.swing.JLabel();
    jLabel7 = new javax.swing.JLabel();

    jLabel1.setText("jLabel1");

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
    setTitle("Home Page");
    setBackground(new java.awt.Color(255, 255, 255));
    setIconImage(icon);
    setResizable(false);
    getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

    jPanel2.setBackground(new java.awt.Color(255, 255, 255));

    jButton1.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N

```

```

jButton1.setText("Admin");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

jButton1.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        jButton1KeyPressed(evt);
    }
});

jButton2.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N
jButton2.setText("Customer");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

jButton2.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        jButton2KeyPressed(evt);
    }
});

jButton3.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N
jButton3.setText("Trainer");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});

jButton3.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {

```

```

        jButton3KeyPressed(evt);
    }
});

jLabel2.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel2.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/go_fit/Photo/Admin_hamepage.jpg"))); //
NOI18N

jLabel3.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel3.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/go_fit/Photo/Customer_Homepage.jpg")));
// NOI18N

jLabel4.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel4.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/go_fit/Photo/Trainer_Homepage.jpeg"))); //
NOI18N

jLabel4.setText("\n");

jLabel6.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/go_fit/Photo/GYM_Logo.png"))); //
NOI18N

jLabel5.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/go_fit/Photo/GYM_Logo_1.png"))); //
NOI18N

jLabel7.setFont(new java.awt.Font("Times New Roman", 1, 48)); // NOI18N
jLabel7.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel7.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/go_fit/Photo/Homepage_logo3.jpg"))); //
NOI18N

```

```

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 138,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 468,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 140,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(0, 0, Short.MAX_VALUE))
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(65, 65, 65)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
            .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 136,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jButton1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jLabel3, javax.swing.GroupLayout.Alignment.TRAILING)
            .addComponent(jButton2, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 138,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(105, 105, 105)

```

```

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
    .addComponent(jLabel4, javax.swing.GroupLayout.DEFAULT_SIZE, 135, Short.MAX_VALUE)
    .addComponent(jButton3, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
    .addGap(65, 65, 65))
);
jPanel2Layout.setVerticalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel2Layout.createSequentialGroup()

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
    .addComponent(jLabel6, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addGroup(jPanel2Layout.createSequentialGroup()
        .addGap(21, 21, 21)
        .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 100, javax.swing.GroupLayout.PREFERRED_SIZE)))
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 16, Short.MAX_VALUE)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 170, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 167, javax.swing.GroupLayout.PREFERRED_SIZE))

```



```

        .addGroup(jPanel2Layout.createSequentialGroup()
            .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 170,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(3, 3, 3)))

        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jButton1)
            .addComponent(jButton3)
            .addComponent(jButton2))
        .addContainerGap(30, Short.MAX_VALUE))
    );

    getContentPane().add(jPanel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0,
        760, 390));

    pack();
    setLocationRelativeTo(null);
} // </editor-fold>

```

```

Image icon =
Toolkit.getDefaultToolkit().getImage(getClass().getResource("Main_Logo.jpg"));

```

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    Audio.playmusic("Music\\\\\\Button.wav");
    new LoginPage_Admin().setVisible(true);
    this.setVisible(false);
}

```

```

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

```

```

        Audio.playmusic("Music\\\\\\Button.wav");
        new LoginPage_Customer().setVisible(true);
        this.setVisible(false);
    }

    private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        Audio.playmusic("Music\\\\\\Button.wav");
        new LoginPage_Trainer().setVisible(true);
        this.setVisible(false);
    }

    private void jButton1KeyPressed(java.awt.event.KeyEvent evt) {
if(evt.getKeyCode()==KeyEvent.VK_ENTER)
        {
            // TODO add your handling code here:
            Audio.playmusic("Music\\\\\\Button.wav");
            new LoginPage_Admin().setVisible(true);
            this.setVisible(false);
        }
        // TODO add your handling code here:
    }

    private void jButton2KeyPressed(java.awt.event.KeyEvent evt) {
        // TODO add your handling code here:
        // TODO add your handling code here:
        if(evt.getKeyCode()==KeyEvent.VK_ENTER)
        {
            // TODO add your handling code here:
            Audio.playmusic("Music\\\\\\Button.wav");
            new LoginPage_Customer().setVisible(true);
            this.setVisible(false);
        }
    }

    private void jButton3KeyPressed(java.awt.event.KeyEvent evt) {
        // TODO add your handling code here:

```

```

        if(evt.getKeyCode()==KeyEvent.VK_ENTER)
        {
            // TODO add your handling code here:
            Audio.playmusic("Music\\\\\\Button.wav");
            new LoginPage_Trainer().setVisible(true);
            this.setVisible(false);
        }
    }

/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and
feel.
    * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
    */
    try {
        for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
            if ("Nimbus".equals(info.getName())) {
                javax.swing.UIManager.setLookAndFeel(info.getClassName());
                break;
            }
        }
    } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(HomePage.class.getName()).log(java.util.logging.Level.S
EVERE, null, ex);
    } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(HomePage.class.getName()).log(java.util.logging.Level.S

```

```

EVERE, null, ex);
    } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(HomePage.class.getName()).log(java.util.logging.Level.S
EVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(HomePage.class.getName()).log(java.util.logging.Level.S
EVERE, null, ex);
    }
//</editor-fold>

/* Create and display the form */
java.awt.EventQueue.invokeLater(new Runnable() {
    public void run() {
        new HomePage().setVisible(true);
    }
});
}

// Variables declaration - do not modify
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JPanel jPanel2;
// End of variables declaration
}

```

Login Admin

```
/*  
 * To change this license header, choose License Headers in Project Properties.  
 * To change this template file, choose Tools | Templates  
 * and open the template in the editor.  
*/
```

```
package go_fit;
```

```
import static go_fit.LoginPage_Customer.s;  
import java.awt.Image;  
import java.awt.Toolkit;  
import java.awt.event.KeyEvent;  
import java.sql.Connection;  
import java.sql.DriverManager;  
import java.sql.PreparedStatement;  
import java.sql.ResultSet;
```

```
/**
```

```
 *
```

```
 * @author arans
```

```
*/
```

```
public class LoginPage_Admin extends javax.swing.JFrame {
```

```
/**
```

```
 * Creates new form LoginPage_Customer
```

```
*/
```

```
public static String s;  
    Connection con;  
    PreparedStatement ps;  
    ResultSet rs;
```

```

public LoginPage_Admin() {
    initComponents();
}

Image icon =
Toolkit.getDefaultToolkit().getImage(getClass().getResource("Main_Logo.jpg"));

private void press()
{

    Audio.playmusic("Music\\\\\\Button.wav");
    try
    {

        Class.forName("com.mysql.jdbc.Driver");
        con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/gym", "root" , "root");
        System.out.println("Connection Established...");
        ps = con.prepareStatement("");
        String AdminQuery="Select * from admin where
username='"+jTextField1.getText()+"' and password='"+jPasswordField1.getText()+"'";
        rs = ps.executeQuery(AdminQuery);
        if(rs.next())
        {
            fill() ;
            Audio.playmusic("Music\\\\\\Login_Successfull.wav");
            s=jTextField1.getText();
            new MainPage_Admin().setVisible(true);
            this.setVisible(false);
        }
        else

        {
            fill();
            Audio.playmusic("Music\\\\\\Error.wav");

```

```

new
ErrorPage_incorrect().setVisible(true);
    }
    }
    catch(Exception ex)
    {
        System.out.println("Exception : "+ex);
    }
}

public void fill()
{
    int i = 0;
    try
    {
        while (i <= 100)
        {
            if (i > 70)
                jProgressBar1.setString("loading finished ");
            jProgressBar1.setIndeterminate(true);
            Thread.sleep(30);
            i += 20;
        }
    }
    catch (Exception e)
    {
        System.out.println("Exception : "+e);
    }
}

/**
 * This method is called from within the constructor to initialize the form.
 * WARNING: Do NOT modify this code. The content of this method is always
 * regenerated by the Form Editor.
 */

```

```

@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {

    jPanel2 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    jTextField1 = new javax.swing.JTextField();
    jPasswordField1 = new javax.swing.JPasswordField();
    jButton1 = new javax.swing.JButton();
    jRadioButton1 = new javax.swing.JRadioButton();
    jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    jProgressBar1 = new javax.swing.JProgressBar();
    jLabel4 = new javax.swing.JLabel();
    jButton2 = new javax.swing.JButton();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
    setTitle("login");
    setBackground(new java.awt.Color(255, 255, 255));
    setIconImage(icon
);
    setResizable(false);
    getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

    jPanel2.setBackground(new java.awt.Color(255, 255, 255));

    jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
    jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    jLabel1.setText("Login in Admin");

    jTextField1.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jTextField1ActionPerformed(evt);
        }
    }

```



```

});

jTextField1.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        jTextField1KeyPressed(evt);
    }
});

jPasswordField1.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        jPasswordField1KeyPressed(evt);
    }
});

jButton1.setFont(new java.awt.Font("Times New Roman", 1, 14)); // NOI18N
jButton1.setText("Login");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

jButton1.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        jButton1KeyPressed(evt);
    }
});

jRadioButton1.setBackground(new java.awt.Color(255, 255, 255));
jRadioButton1.setFont(new java.awt.Font("Times New Roman", 0, 12)); // NOI18N
jRadioButton1.setText("Show Password");
jRadioButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jRadioButton1ActionPerformed(evt);
    }
});

```

```

jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
jLabel2.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel2.setText("Password");

jLabel3.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
jLabel3.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel3.setText("Username");

jProgressBar1.setString("loading not started");
jProgressBar1.setStringPainted(true);

jLabel4.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel4.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/go_fit/Photo/Login_Page Photo.jpg"))); //
NOI18N

jButton2.setBackground(new java.awt.Color(255, 255, 255));
jButton2.setFont(new java.awt.Font("Times New Roman", 1, 14)); // NOI18N
jButton2.setForeground(new java.awt.Color(255, 255, 255));
jButton2.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/go_fit/Photo/Back.png"))); // NOI18N
jButton2.setBorder(javax.swing.BorderFactory.createEtchedBorder());
jButton2.setHorizontalTextPosition(javax.swing.SwingConstants.CENTER);
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});
jButton2.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        jButton2KeyPressed(evt);
    }
});

```

```

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jProgressBar1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(3, 3, 3)
            .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(3, 3, 3)
            .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 200,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
                .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE,
130, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(75, 75, 75))
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
                .addComponent(jRadioButton1)
                .addGap(86, 86, 86)))
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
                .addGap(306, Short.MAX_VALUE)

        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
            .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE,
130, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
                .addComponent(jRadioButton1)
                .addGap(86, 86, 86)))
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
                .addGap(306, Short.MAX_VALUE)

```

```

        .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 130,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 130,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
        .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(jTextField1, javax.swing.GroupLayout.DEFAULT_SIZE,
225, Short.MAX_VALUE))
        .addComponent(jPasswordField1,
javax.swing.GroupLayout.PREFERRED_SIZE, 225,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(27, 27, 27))
);
jPanel2Layout.setVerticalGroup(
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel2Layout.createSequentialGroup()

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
NG)

.addGroup(jPanel2Layout.createSequentialGroup()

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
NG)

.addGroup(jPanel2Layout.createSequentialGroup()
        .addGap(25, 25, 25)
        .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE,
48, javax.swing.GroupLayout.PREFERRED_SIZE))

```

```

        .addGroup(jPanel2Layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE, 40,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
28, Short.MAX_VALUE)

        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jTextField1,
javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE,
35, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(27, 27, 27)

        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jPasswordField1,
javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE,
35, javax.swing.GroupLayout.PREFERRED_SIZE))

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(jRadioButton1)
        .addGap(18, 18, 18)
        .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(44, 44, 44))
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(49, 49, 49)
            .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 230,

```

```

javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))
        .addComponent(jProgressBar1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
    );

```

```

getContentPane().add(jPanel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0,
700, 350));

```

```

pack();
setLocationRelativeTo(null);
} // </editor-fold>

```

```

private void jTextField1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

```

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    Audio.playmusic("Music\\\\\\Button.wav");
    try
    {
        Class.forName("com.mysql.jdbc.Driver");
        con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/gym", "root", "root");
        System.out.println("Connection Established...");
        ps = con.prepareStatement("");
        String AdminQuery="Select * from admin where
username='"+jTextField1.getText()+"' and password='"+jPasswordField1.getText()+"'";
        rs = ps.executeQuery(AdminQuery);
        if(rs.next())
        {

```

```

        fill() ;
        Audio.playmusic("Music\\\\Login_Successfull.wav");
        s=jTextField1.getText();
        new MainPage_Admin().setVisible(true);
        this.setVisible(false);
    }
    else

    {
        fill();
        Audio.playmusic("Music\\\\Error.wav");
        new
        ErrorPage_incorrect().setVisible(true);
    }
    }
    catch(Exception ex)
    {
        System.out.println("Exception : "+ex);
    }

}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    if(jRadioButton1.isSelected())
    {
        jPasswordField1.setEchoChar((char)0);
    }
    else
    {
        jPasswordField1.setEchoChar('*');
    }
}

```

```

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
Audio.playmusic("Music\\\\\\Button.wav");
    this.setVisible(false);
    new HomePage().setVisible(true);    // TODO add your handling code here:
}

private void jButton1KeyPressed(java.awt.event.KeyEvent evt) {
if(evt.getKeyCode()==KeyEvent.VK_ENTER)
    {    // TODO add your handling code here:
        press();
    }
if(evt.getKeyCode()==KeyEvent.VK_BACK_SPACE)
    {    // TODO add your handling code here:
        Audio.playmusic("Music\\\\\\Button.wav");
        new HomePage().setVisible(true);
        this.setVisible(false);
    }
}

private void jTextField1KeyPressed(java.awt.event.KeyEvent evt) {
if(evt.getKeyCode()==KeyEvent.VK_ENTER)
    {    // TODO add your handling code here:
        press();
    }
}

private void jPasswordField1KeyPressed(java.awt.event.KeyEvent evt) {
if(evt.getKeyCode()==KeyEvent.VK_ENTER)
    {    // TODO add your handling code here:
        press();
    }
}
}

```



```

private void jButton2KeyPressed(java.awt.event.KeyEvent evt) {
    // TODO add your handling code here:
    if(evt.getKeyCode()==KeyEvent.VK_ENTER)
    {
        // TODO add your handling code here:
        press();
    }
    if(evt.getKeyCode()==KeyEvent.VK_BACK_SPACE)
    {
        // TODO add your handling code here:
        Audio.playmusic("Music\\\\\\Button.wav");
        new HomePage().setVisible(true);
        this.setVisible(false);
    }
}

/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and
feel.
    * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
    */
    try {
        for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
            if ("Nimbus".equals(info.getName())) {
                javax.swing.UIManager.setLookAndFeel(info.getClassName());
                break;
            }
        }
    }
}

```

```

    } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(LoginPage_Admin.class.getName()).log(java.util.logging
.Level.SEVERE, null, ex);

    } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(LoginPage_Admin.class.getName()).log(java.util.logging
.Level.SEVERE, null, ex);

    } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(LoginPage_Admin.class.getName()).log(java.util.logging
.Level.SEVERE, null, ex);

    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(LoginPage_Admin.class.getName()).log(java.util.logging
.Level.SEVERE, null, ex);

    }
//</editor-fold>
//</editor-fold>
//</editor-fold>
//</editor-fold>
//</editor-fold>
//</editor-fold>
//</editor-fold>
//</editor-fold>

/* Create and display the form */
java.awt.EventQueue.invokeLater(new Runnable() {
    public void run() {
        new LoginPage_Admin().setVisible(true);
    }
});
}

```

```

// Variables declaration - do not modify
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JPanel jPanel2;
private javax.swing.JPasswordField jPasswordField1;
private javax.swing.JProgressBar jProgressBar1;
private javax.swing.JRadioButton jRadioButton1;
private javax.swing.JTextField jTextField1;
// End of variables declaration
}

```

Signup

```

/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package go_fit;

import java.awt.Image;
import java.awt.Toolkit;
import java.awt.event.KeyEvent;
import java.sql.*;
import javax.swing.JOptionPane;

/**
 *
 * @author Aranshu Bansal
 */

```

```

public class SignupPage_Customer extends javax.swing.JFrame {

    /**
     * Creates new form SignupPage
     */
    Image icon =
Toolkit.getDefaultToolkit().getImage(getClass().getResource("Main_Logo.jpg"));
    Connection con;
        PreparedStatement ps;
        ResultSet rs;
    public SignupPage_Customer() {
        initComponents();
    }

    private void press()
    {
        Audio.playmusic("Music\\\\\\Button.wav");
        try
            {
                Class.forName("com.mysql.jdbc.Driver");
                con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/gym", "root" , "root");
                System.out.println("Connection Established...");
                if(jTextField3.getText().length()==0)
                {
                    Audio.playmusic("Music\\\\\\Error.wav");
                    new ErrorPage_DataFieldEmpty().setVisible(true);
                }
                else if(jPasswordField1.getText().length()==0)
                {
                    Audio.playmusic("Music\\\\\\Error.wav");
                    new ErrorPage_DataFieldEmpty().setVisible(true);
                }
                else if(jTextField4.getText().length()==0)

```

```

{
    Audio.playmusic("Music\\\\Error.wav");
    new ErrorPage_DataFieldEmpty().setVisible(true);
}
else if(jTextField2.getText().length()==0)
{
    Audio.playmusic("Music\\\\Error.wav");
    new ErrorPage_DataFieldEmpty().setVisible(true);
}
else if(jTextField1.getText().length()!=10)
{
    Audio.playmusic("Music\\\\Error.wav");
    new ErrorPage_incorrect().setVisible(true);
}
else if(jTextField5.getText().length()==0)
{
    Audio.playmusic("Music\\\\Error.wav");
    new ErrorPage_DataFieldEmpty().setVisible(true);
}
else if(jTextField6.getText().length()==0)
{
    Audio.playmusic("Music\\\\Error.wav");
    new ErrorPage_DataFieldEmpty().setVisible(true);
}
else if(jTextField8.getText().length()==0)
{
    Audio.playmusic("Music\\\\Error.wav");
    new ErrorPage_DataFieldEmpty().setVisible(true);
}
else if(jTextField9.getText().length()==0)
{
    Audio.playmusic("Music\\\\Error.wav");
    new ErrorPage_DataFieldEmpty().setVisible(true);
}
}

```

```

        else if(jTextField7.getText().length()==0)
        {
            Audio.playmusic("Music\\\\Error.wav");
            new ErrorPage_DataFieldEmpty().setVisible(true);
        }

        else
        {

if(jPasswordField1.getText().equals(jPasswordField2.getText()))

            {
                Audio.playmusic("Music\\\\Successfull.wav");

                ps = con.prepareStatement("insert into
customer values
("+jTextField3.getText()+","+jPasswordField1.getText()+","+jTextField4.getText()+","+j
TextField2.getText()+","+jTextField1.getText()+","+jTextField5.getText()+","+jTextField
6.getText()+","+jTextField8.getText()+","+jTextField9.getText()+","+jTextField7.getT
ext()+")");

                ps.executeUpdate();
                new LoginPage_Customer().setVisible(true);
                this.setVisible(false);
            }
            else
            {
                Audio.playmusic("Music\\\\Error.wav");

                new
ErrorPage_incorrect().setVisible(true);
            }
        }
    }
    catch(Exception ex)
    {
        JOptionPane.showMessageDialog(this, "Exception :
"+ex);
    }

```

```

}

/**
 * This method is called from within the constructor to initialize the form.
 * WARNING: Do NOT modify this code. The content of this method is always
 * regenerated by the Form Editor.
 */
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {

    jPanel2 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    jTextField4 = new javax.swing.JTextField();
    jLabel5 = new javax.swing.JLabel();
    jTextField2 = new javax.swing.JTextField();
    jLabel8 = new javax.swing.JLabel();
    jTextField3 = new javax.swing.JTextField();
    jLabel7 = new javax.swing.JLabel();
    jPasswordField1 = new javax.swing.JPasswordField();
    jButton2 = new javax.swing.JButton();
    jLabel6 = new javax.swing.JLabel();
    jPasswordField2 = new javax.swing.JPasswordField();
    jButton3 = new javax.swing.JButton();
    jLabel4 = new javax.swing.JLabel();
    jTextField1 = new javax.swing.JTextField();
    jLabel10 = new javax.swing.JLabel();
    jTextField5 = new javax.swing.JTextField();
    jLabel9 = new javax.swing.JLabel();
    jTextField6 = new javax.swing.JTextField();
    jLabel11 = new javax.swing.JLabel();
    jTextField8 = new javax.swing.JTextField();
    jLabel13 = new javax.swing.JLabel();

```

```

jLabel12 = new javax.swing.JLabel();
jTextField7 = new javax.swing.JTextField();
jButton1 = new javax.swing.JButton();
jTextField9 = new javax.swing.JTextField();
jButton2 = new javax.swing.JButton();
jButton3 = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setTitle("Signup");
setIconImage(icon
);
setMinimumSize(new java.awt.Dimension(700, 560));
setUndecorated(true);
setResizable(false);

jPanel2.setBackground(new java.awt.Color(255, 255, 255));
jPanel2.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0,
0, 0)));
jPanel2.setPreferredSize(new java.awt.Dimension(690, 600));

jLabel1.setBackground(new java.awt.Color(255, 255, 255));
jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel1.setText("Signup Page");

jLabel3.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
jLabel3.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel3.setText("First Name");

jTextField4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jTextField4ActionPerformed(evt);
    }
});

```



```
jTextField4.addKeyListener(new java.awt.event.KeyAdapter() {  
    public void keyPressed(java.awt.event.KeyEvent evt) {  
        jTextField4KeyPressed(evt);  
    }  
});
```

```
jLabel5.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N  
jLabel5.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);  
jLabel5.setText("Last Name");
```

```
jTextField2.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jTextField2ActionPerformed(evt);  
    }  
});
```

```
jTextField2.addKeyListener(new java.awt.event.KeyAdapter() {  
    public void keyPressed(java.awt.event.KeyEvent evt) {  
        jTextField2KeyPressed(evt);  
    }  
});
```

```
jLabel8.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N  
jLabel8.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);  
jLabel8.setText("Username");
```

```
jTextField3.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jTextField3ActionPerformed(evt);  
    }  
});
```

```
jTextField3.addKeyListener(new java.awt.event.KeyAdapter() {  
    public void keyPressed(java.awt.event.KeyEvent evt) {  
        jTextField3KeyPressed(evt);  
    }  
}
```

```
});
```

```
jLabel7.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N  
jLabel7.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);  
jLabel7.setText("Password");
```

```
jPasswordField1.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jPasswordField1ActionPerformed(evt);  
    }  
});
```

```
jPasswordField1.addKeyListener(new java.awt.event.KeyAdapter() {  
    public void keyPressed(java.awt.event.KeyEvent evt) {  
        jPasswordField1KeyPressed(evt);  
    }  
});
```

```
jRadioButton2.setBackground(new java.awt.Color(255, 255, 255));  
jRadioButton2.setFont(new java.awt.Font("Times New Roman", 0, 12)); // NOI18N  
jRadioButton2.setText("Show Password");  
jRadioButton2.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jRadioButton2ActionPerformed(evt);  
    }  
});
```

```
jLabel6.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N  
jLabel6.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);  
jLabel6.setText("Confirm password");
```

```
jPasswordField2.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jPasswordField2ActionPerformed(evt);  
    }  
}
```

```

});

jPasswordField2.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        jPasswordField2KeyPressed(evt);
    }
});

jRadioButton3.setBackground(new java.awt.Color(255, 255, 255));
jRadioButton3.setFont(new java.awt.Font("Times New Roman", 0, 12)); // NOI18N
jRadioButton3.setText("Show Password");
jRadioButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jRadioButton3ActionPerformed(evt);
    }
});

jLabel4.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
jLabel4.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel4.setText("Phone Number");

jTextField1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jTextField1ActionPerformed(evt);
    }
});

jTextField1.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        jTextField1KeyPressed(evt);
    }
});

jLabel10.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
jLabel10.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel10.setText("Date of Birth");

```

```

jTextField5.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jTextField5ActionPerformed(evt);
    }
});

jTextField5.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        jTextField5KeyPressed(evt);
    }
});

jLabel9.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
jLabel9.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel9.setText("Age");

jTextField6.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jTextField6ActionPerformed(evt);
    }
});

jTextField6.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        jTextField6KeyPressed(evt);
    }
});

jLabel11.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
jLabel11.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel11.setText("Aadhar Number");

jTextField8.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jTextField8ActionPerformed(evt);
    }
});

```

```

    }
});

jTextField8.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        jTextField8KeyPressed(evt);
    }
});

jLabel13.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
jLabel13.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel13.setText("Gender");

jLabel12.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
jLabel12.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel12.setText("Address");

jTextField7.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jTextField7ActionPerformed(evt);
    }
});

jTextField7.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        jTextField7KeyPressed(evt);
    }
});

jButton1.setFont(new java.awt.Font("Times New Roman", 1, 14)); // NOI18N
jButton1.setText("Signup");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

```

```

jButton1.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        jButton1KeyPressed(evt);
    }
});

jTextField9.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jTextField9ActionPerformed(evt);
    }
});

jTextField9.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        jTextField9KeyPressed(evt);
    }
});

jButton2.setFont(new java.awt.Font("Times New Roman", 1, 14)); // NOI18N
jButton2.setText("Back");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

jButton2.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        jButton2KeyPressed(evt);
    }
});

jButton3.setText("Check Validity");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});

```



```

NG)

        .addComponent(jLabel10,
javax.swing.GroupLayout.PREFERRED_SIZE, 146,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel4,
javax.swing.GroupLayout.PREFERRED_SIZE, 146,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addComponent(jLabel8,
javax.swing.GroupLayout.PREFERRED_SIZE, 150,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(0, 0, Short.MAX_VALUE))
        .addComponent(jLabel3, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)))
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup())
        .addGap(0, 0, Short.MAX_VALUE)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING
NG)

        .addComponent(jLabel12,
javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 146,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel7, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 143,
javax.swing.GroupLayout.PREFERRED_SIZE))))

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING
NG)

        .addGroup(jPanel2Layout.createSequentialGroup())
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING

```


NG)

```
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel2Layout.createSequentialGroup())
```

```
        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)  
NG)
```

```
            .addComponent(jPasswordField1,  
javax.swing.GroupLayout.Alignment.LEADING)
```

```
            .addComponent(jPasswordField2,  
javax.swing.GroupLayout.Alignment.LEADING))
```

```
        .addGap(44, 44, 44)
```

```
        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
NG)
```

```
            .addComponent(jRadioButton2)
```

```
            .addComponent(jRadioButton3))
```

```
        .addGap(57, 57, 57))
```

```
        .addGroup(jPanel2Layout.createSequentialGroup())
```

```
        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
NG)
```

```
            .addComponent(jTextField1,  
javax.swing.GroupLayout.PREFERRED_SIZE, 186,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
            .addGroup(jPanel2Layout.createSequentialGroup())
```

```
                .addComponent(jTextField8,  
javax.swing.GroupLayout.PREFERRED_SIZE, 186,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
                .addGap(22, 22, 22)
```

```
                .addComponent(jLabel13,  
javax.swing.GroupLayout.PREFERRED_SIZE, 96,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
```

```

        .addComponent(jTextField9,
javax.swing.GroupLayout.PREFERRED_SIZE, 187,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addContainerGap(35, Short.MAX_VALUE))
        .addGroup(jPanel2Layout.createSequentialGroup())

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

        .addGroup(jPanel2Layout.createSequentialGroup())
        .addComponent(jTextField5,
javax.swing.GroupLayout.PREFERRED_SIZE, 186,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(18, 18, 18)
        .addComponent(jLabel9,
javax.swing.GroupLayout.PREFERRED_SIZE, 100,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jTextField6,
javax.swing.GroupLayout.PREFERRED_SIZE, 187,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addComponent(jTextField7))
        .addGap(0, 0, Short.MAX_VALUE))
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup())

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

        .addGroup(jPanel2Layout.createSequentialGroup())
        .addComponent(jTextField3)
        .addGap(62, 62, 62)
        .addComponent(jButton3))
        .addGroup(jPanel2Layout.createSequentialGroup())
        .addComponent(jTextField4,

```

```

javax.swing.GroupLayout.PREFERRED_SIZE, 186,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 7,
Short.MAX_VALUE)

        .addComponent(jLabel5,
javax.swing.GroupLayout.PREFERRED_SIZE, 113,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jTextField2,
javax.swing.GroupLayout.PREFERRED_SIZE, 187,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGap(33, 33, 33)))
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE,
122, javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE,
121, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(211, 211, 211)))
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
        .addContainerGap()
        .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addContainerGap())
    );
jPanel2Layout.setVerticalGroup(
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```

```

        .addGroup(jPanel2Layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 48,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(31, 31, 31)

        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jTextField4, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(18, 18, 18)

        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(18, 18, 18)

        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jPasswordField1,
javax.swing.GroupLayout.PREFERRED_SIZE, 35,

```

```

javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jRadioButton2))
        .addGap(18, 18, 18)

        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jPasswordField2,
                javax.swing.GroupLayout.PREFERRED_SIZE, 35,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jRadioButton3))
        .addGap(18, 18, 18)

        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
                javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)

        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jTextField5, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jTextField6, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
                javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)

```

```

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

    .addComponent(jLabel11, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(jTextField8, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(jLabel13, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(jTextField9, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

    .addComponent(jLabel12, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(jTextField7, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

    .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addContainerGap())

);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```

```

        .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE, 700,
javax.swing.GroupLayout.PREFERRED_SIZE)
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE, 560,
javax.swing.GroupLayout.PREFERRED_SIZE)
    );

    pack();
    setLocationRelativeTo(null);
} // </editor-fold>

```

```

private void jTextField1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

```

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    Audio.playmusic("Music\\\\\\Button.wav");
    try
    {
        Class.forName("com.mysql.jdbc.Driver");
        con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/gym", "root" , "root");
        System.out.println("Connection Established...");
        if(jTextField3.getText().length()==0)
        {
            Audio.playmusic("Music\\\\\\Error.wav");
            new ErrorPage_DataFieldEmpty().setVisible(true);
        }
        else if(jPasswordField1.getText().length()==0)
        {
            Audio.playmusic("Music\\\\\\Error.wav");

```

```

        new ErrorPage_DataFieldEmpty().setVisible(true);
    }
    else if(jTextField4.getText().length()==0)
    {
        Audio.playmusic("Music\\\\Error.wav");
        new ErrorPage_DataFieldEmpty().setVisible(true);
    }
    else if(jTextField2.getText().length()==0)
    {
        Audio.playmusic("Music\\\\Error.wav");
        new ErrorPage_DataFieldEmpty().setVisible(true);
    }
    else if(jTextField1.getText().length()!=10)
    {
        Audio.playmusic("Music\\\\Error.wav");
        new ErrorPage_incorrect().setVisible(true);
    }
    else if(jTextField5.getText().length()==0)
    {
        Audio.playmusic("Music\\\\Error.wav");
        new ErrorPage_DataFieldEmpty().setVisible(true);
    }
    else if(jTextField6.getText().length()==0)
    {
        Audio.playmusic("Music\\\\Error.wav");
        new ErrorPage_DataFieldEmpty().setVisible(true);
    }
    else if(jTextField8.getText().length()==0)
    {
        Audio.playmusic("Music\\\\Error.wav");
        new ErrorPage_DataFieldEmpty().setVisible(true);
    }
    else if(jTextField9.getText().length()==0)
    {

```



```

        Audio.playmusic("Music\\\\Error.wav");
        new ErrorPage_DataFieldEmpty().setVisible(true);
    }
    else if(jTextField7.getText().length()==0)
    {
        Audio.playmusic("Music\\\\Error.wav");
        new ErrorPage_DataFieldEmpty().setVisible(true);
    }

        else
        {

if(jTextField1.getText().equals(jTextField2.getText()))
        {
            Audio.playmusic("Music\\\\Successfull.wav");
            ps = con.prepareStatement("insert into
customer values
("+jTextField3.getText()+","+jPasswordField1.getText()+","+jTextField4.getText()+","+j
TextField2.getText()+","+jTextField1.getText()+","+jTextField5.getText()+","+jTextField
6.getText()+","+jTextField8.getText()+","+jTextField9.getText()+","+jTextField7.getText
()+","+")");

            ps.executeUpdate();
            new LoginPage_Customer().setVisible(true);
            this.setVisible(false);
        }
        else
        {
            Audio.playmusic("Music\\\\Error.wav");
            new
ErrorPage_incorrect().setVisible(true);
        }
    }
}
catch(Exception ex)
{

```

```

        JOptionPane.showMessageDialog(this, "Exception :
"+ex);
    }
}

private void jTextField2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void jTextField3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void jTextField4ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void jTextField5ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void jTextField6ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void jTextField7ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void jTextField8ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

```

```

// TODO add your handling code here:
if(jRadioButton2.isSelected())
{
    jPasswordField1.setEchoChar((char)0);
}
else
{
    jPasswordField1.setEchoChar('*');
}
}

private void jRadioButton3ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
if(jRadioButton3.isSelected())
{
    jPasswordField2.setEchoChar((char)0);
}
else
{
    jPasswordField2.setEchoChar('*');
}
}

private void jPasswordField1ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
}

private void jPasswordField2ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
}

private void jTextField9ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
}

```

```

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    Audio.playmusic("Music\\\\\\Button.wav");
    new LoginPage_Customer().setVisible(true);
    this.setVisible(false);
}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    Audio.playmusic("Music\\\\\\Button.wav");    // TODO add your handling code here:
    PreparedStatement ps1;
    ResultSet rs1;
    try
    {
        Class.forName("com.mysql.jdbc.Driver");
        con = DriverManager.getConnection("jdbc:mysql://localhost:3306/gym", "root" ,
"root");
        System.out.println("Connection Established...");
        ps1 = con.prepareStatement("");
        String AdminQuery="Select * from customer where
username='"+jTextField3.getText()+"'";
        rs1= ps1.executeQuery(AdminQuery);

        if(rs1.next())
        {
            Audio.playmusic("Music\\\\\\Error.wav");
            new ErrorPage_Username_Already_Taken().setVisible(true);
        }
        else
        {

            new successfull_Username_present().setVisible(true);
        }
    }
}

```

```

    }
    catch(Exception ex)
    {
        JOptionPane.showMessageDialog(this, "Exception : "+ex);
    }
}

private void jTextField4KeyPressed(java.awt.event.KeyEvent evt) {

if(evt.getKeyCode()==KeyEvent.VK_ENTER)
    {
        press();
    }        // TODO add your handling code here:
}

private void jTextField2KeyPressed(java.awt.event.KeyEvent evt) {

if(evt.getKeyCode()==KeyEvent.VK_ENTER)
    {
        press();
    }        // TODO add your handling code here:
}

private void jPasswordField1KeyPressed(java.awt.event.KeyEvent evt) {

if(evt.getKeyCode()==KeyEvent.VK_ENTER)
    {
        press();
    }        // TODO add your handling code here:
}

private void jPasswordField2KeyPressed(java.awt.event.KeyEvent evt) {

if(evt.getKeyCode()==KeyEvent.VK_ENTER)

```

```

        {
            press();
        } // TODO add your handling code here:
    }

    private void jTextField1KeyPressed(java.awt.event.KeyEvent evt) {

if(evt.getKeyCode()==KeyEvent.VK_ENTER)
    {
        press();
    } // TODO add your handling code here:
    }

    private void jTextField5KeyPressed(java.awt.event.KeyEvent evt) {

if(evt.getKeyCode()==KeyEvent.VK_ENTER)
    {
        press();
    } // TODO add your handling code here:
    }

    private void jTextField6KeyPressed(java.awt.event.KeyEvent evt) {

if(evt.getKeyCode()==KeyEvent.VK_ENTER)
    {
        press();
    } // TODO add your handling code here:
    }

    private void jTextField8KeyPressed(java.awt.event.KeyEvent evt) {

if(evt.getKeyCode()==KeyEvent.VK_ENTER)
    {
        press();
    }

```

```

        }          // TODO add your handling code here:
    }

    private void jTextField9KeyPressed(java.awt.event.KeyEvent evt) {

if(evt.getKeyCode()==KeyEvent.VK_ENTER)
    {
        press();
    }          // TODO add your handling code here:
    }

    private void jTextField7KeyPressed(java.awt.event.KeyEvent evt) {

if(evt.getKeyCode()==KeyEvent.VK_ENTER)
    {
        press();
    }          // TODO add your handling code here:
    }

    private void jTextField3KeyPressed(java.awt.event.KeyEvent evt) {

if(evt.getKeyCode()==KeyEvent.VK_ENTER)
    {
        Audio.playmusic("Music\\\\\\Button.wav");    // TODO add your handling code
here:
        PreparedStatement ps1;
        ResultSet rs1;
        try
        {
            Class.forName("com.mysql.jdbc.Driver");
            con = DriverManager.getConnection("jdbc:mysql://localhost:3306/gym", "root" ,
"root");
            System.out.println("Connection Established...");
            ps1 = con.prepareStatement("");

```

```

String AdminQuery="Select * from customer where
username='"+jTextField3.getText()+"'";
rs1= ps1.executeQuery(AdminQuery);

if(rs1.next())
{
    Audio.playmusic("Music\\\\Error.wav");
    new ErrorPage_Username_Already_Taken().setVisible(true);
}
else
{
    new successfull_Username_present().setVisible(true);
}
}
catch(Exception ex)
{
    JOptionPane.showMessageDialog(this, "Exception : "+ex);
}
    }          // TODO add your handling code here:
}

private void jButton2KeyPressed(java.awt.event.KeyEvent evt) {
if(evt.getKeyCode()==KeyEvent.VK_BACK_SPACE)
    {
        // TODO add your handling code here:
        Audio.playmusic("Music\\\\Button.wav");
        new LoginPage_Customer().setVisible(true);
        this.setVisible(false);
    }
if(evt.getKeyCode()==KeyEvent.VK_ENTER)
    {
        press();
    }          // TODO add your handling code here:
}

```



```

private void jButton1KeyPressed(java.awt.event.KeyEvent evt) {
if(evt.getKeyCode()==KeyEvent.VK_BACK_SPACE)
    {
        // TODO add your handling code here:
        Audio.playmusic("Music\\\\\\Button.wav");
        new LoginPage_Customer().setVisible(true);
        this.setVisible(false);
    }
if(evt.getKeyCode()==KeyEvent.VK_ENTER)
    {
        press();
    } // TODO add your handling code here:
}

/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and
feel.
    * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
    */
    try {
        for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
            if ("Nimbus".equals(info.getName())) {
                javax.swing.UIManager.setLookAndFeel(info.getClassName());
                break;
            }
        }
    } catch (ClassNotFoundException ex) {

```

```
java.util.logging.Logger.getLogger(SignupPage_Customer.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
```

```
    } catch (InstantiationException ex) {
```

```
java.util.logging.Logger.getLogger(SignupPage_Customer.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
```

```
    } catch (IllegalAccessException ex) {
```

```
java.util.logging.Logger.getLogger(SignupPage_Customer.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
```

```
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

```
java.util.logging.Logger.getLogger(SignupPage_Customer.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
```

```
    }
```

```
//</editor-fold>
```

```
//</editor-fold>
```

```
/* Create and display the form */
```

```
java.awt.EventQueue.invokeLater(new Runnable() {
```

```
    public void run() {
```

```
        new SignupPage_Customer().setVisible(true);
```

```
    }
```

```
});
```

```
}
```

```
// Variables declaration - do not modify
```

```
private javax.swing.JButton jButton1;
```

```
private javax.swing.JButton jButton2;
```

```
private javax.swing.JButton jButton3;
```

```
private javax.swing.JLabel jLabel1;
```

```
private javax.swing.JLabel jLabel10;
```

```
private javax.swing.JLabel jLabel11;
```

```
private javax.swing.JLabel jLabel12;
private javax.swing.JLabel jLabel13;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel2;
private javax.swing.JPasswordField jPasswordField1;
private javax.swing.JPasswordField jPasswordField2;
private javax.swing.JRadioButton jRadioButton2;
private javax.swing.JRadioButton jRadioButton3;
private javax.swing.JTextField jTextField1;
private javax.swing.JTextField jTextField2;
private javax.swing.JTextField jTextField3;
private javax.swing.JTextField jTextField4;
private javax.swing.JTextField jTextField5;
private javax.swing.JTextField jTextField6;
private javax.swing.JTextField jTextField7;
private javax.swing.JTextField jTextField8;
private javax.swing.JTextField jTextField9;
// End of variables declaration
}
```

CHAPTER 4: TESTING

Software Testing is a method to check whether the actual software product matches expected requirements and to ensure that software product is Defect free. It involves execution of software/system components using manual or automated tools to evaluate one or more properties of interest. The purpose of software testing is to identify errors, gaps or missing requirements in contrast to actual requirements.

Testing Strategies in Software Engineering

Unit Testing: This software testing approach is followed by the programmer to test the unit of the program. It helps developers to know whether the individual unit of the code is working properly or not.

Integration testing: It focuses on the construction and design of the software. You need to see that the integrated units are working without errors or not.

System testing: In this method, your software is compiled as a whole and then tested as a whole. This testing strategy checks the functionality, security, portability, amongst others.

Program Testing

Program Testing in software testing is a method of executing an actual software program with the aim of testing program behavior and finding errors. The software program is executed with test case data to analyse the program behavior or response to the test data. A good program testing is one which has high chances of finding bugs.

Test Cases:

1. Registration test cases
 - 1.1 User Registration with correct information
 - 1.2 User Registration with partially correct information
 - 1.3 User Registration with wrong password and confirm password
2. Login test cases
 - 2.1 Login with wrong username
 - 2.2 Login with wrong password
3. Forgot Password test cases

- 3.1 Entering correct information
- 3.2 Using wrong username
- 3.3 Using wrong security question
- 3.4 Entering wrong Aadhaar number
- 4. Checking each and every link to or from the webpages.
- 5. Database retrieval test cases
 - 5.1 Accessing information from database
 - 5.2 Entering information to database
- 6. Logout test cases
 - 6.1 Check Logout button
 - 6.2 Check that if user logout then the internal pages are not accessible

CHAPTER 5: SNAPSHOT

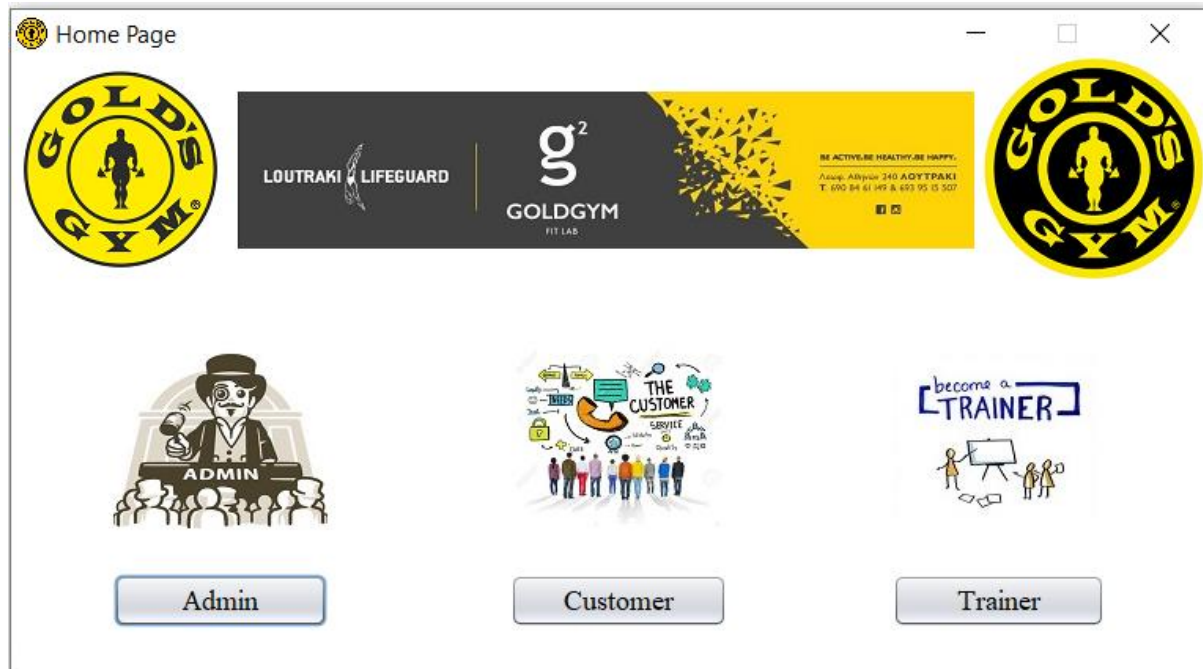


Figure 8 Home Page

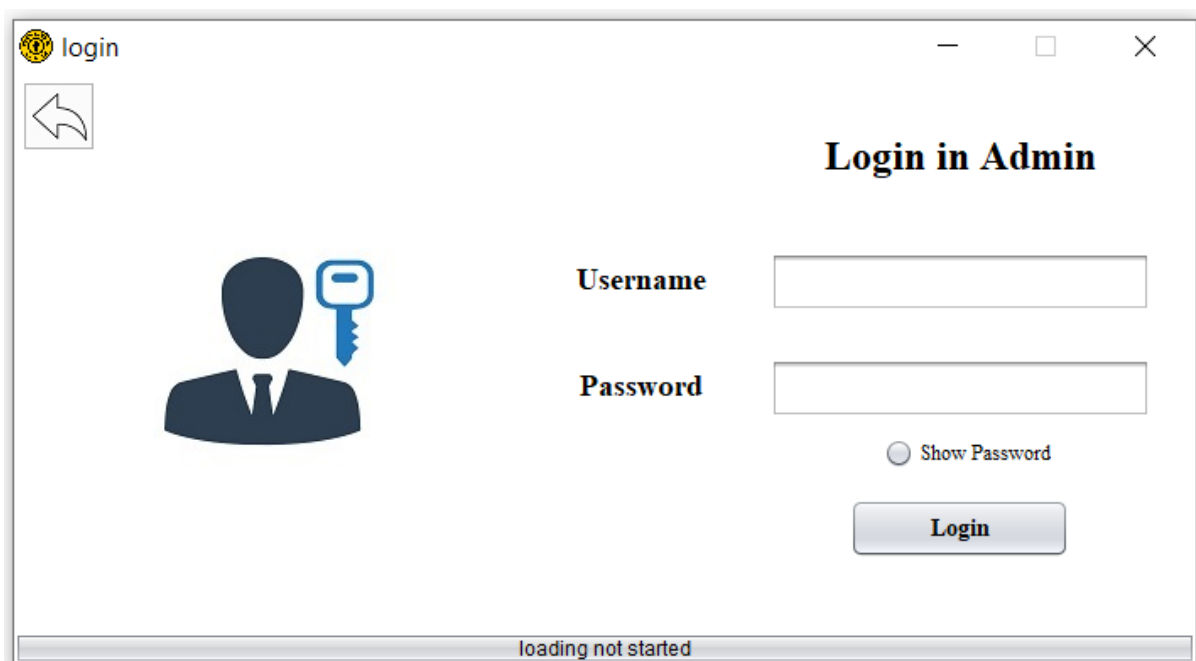


Figure 9 Admin Login

Go Fit

Equipments

User Information

User Payment Detail

User Acc Activation

Order Payment Detail

Order Recived

Trainer Information

Trainer Allotment

Fees Receipt

Feedback Got

Change Credentials

Change Password

Admin

Username: admin

First Name: Aranshu

Last Name: Bansal

Gender: Male

Date of Birth: 09 March 1999

Age: 21

Phone Number: 7087214319

Aadhar Number: nil

Address: 552 ,Phase-4 ,Mohali ,S.A.S Nagar

Equipment

name	quantity	maintenance	date_of_purchaes
cycle	4	12 jan 2020	1 jan 2019

Add Refresh Edit Name Delete

Figure 10 Main Page Admin

Go Fit

Equipments

User Information

User Payment Detail

User Acc Activation

Order Payment Detail

Order Recived

Trainer Information

Trainer Allotment

Fees Receipt

Feedback Got

Change Credentials

Change Password

Fees Receipt

Name: Bikramdeep

Email: bikram@gmail.com

Phone Number: 9988953552

Choose Plan: Silver Plan (9 month)

Amount: 5600

Generate Receipt

Print Receipt

FEEES RECEIPT

Mon May 31 19:41:31 IST 2021

Name : Bikramdeep

Email : bikram@gmail.com

Phone Number : 9988953552

Choose Plan : Silver Plan (9 month)

Amount : 5600

Mode : Cash

Aranshu
Signature

Figure 11 Bill Generation

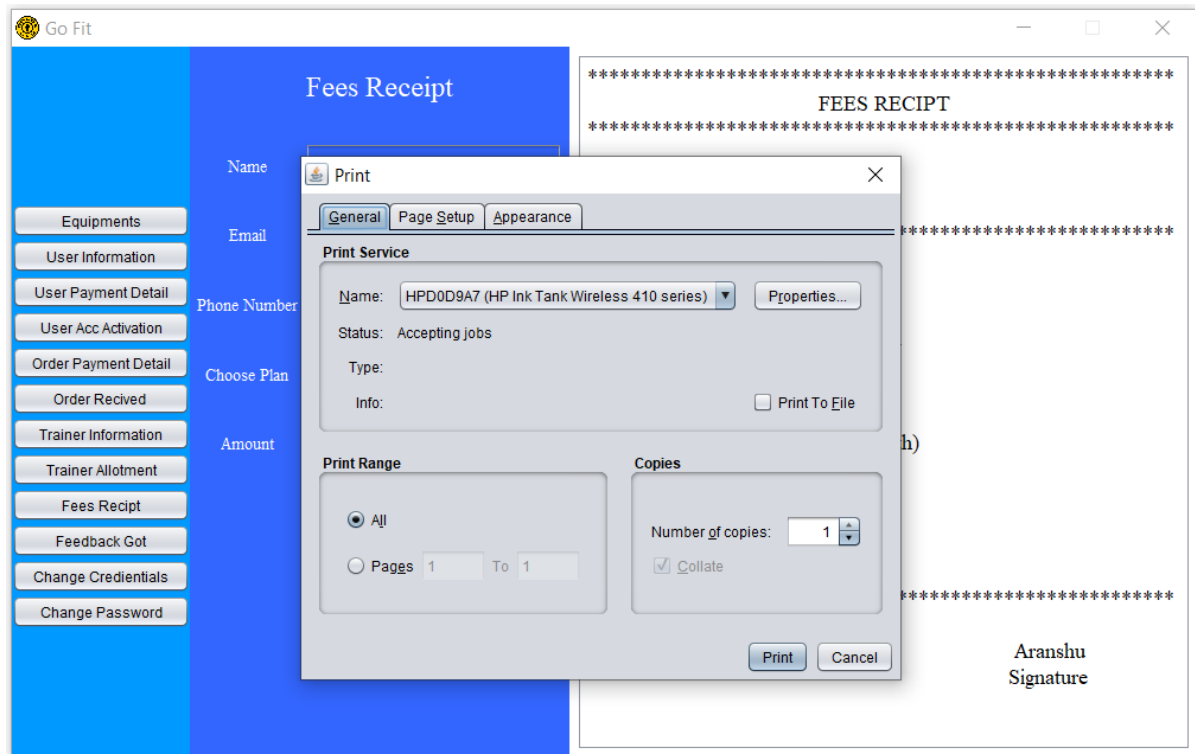


Figure 12 Bill Printing

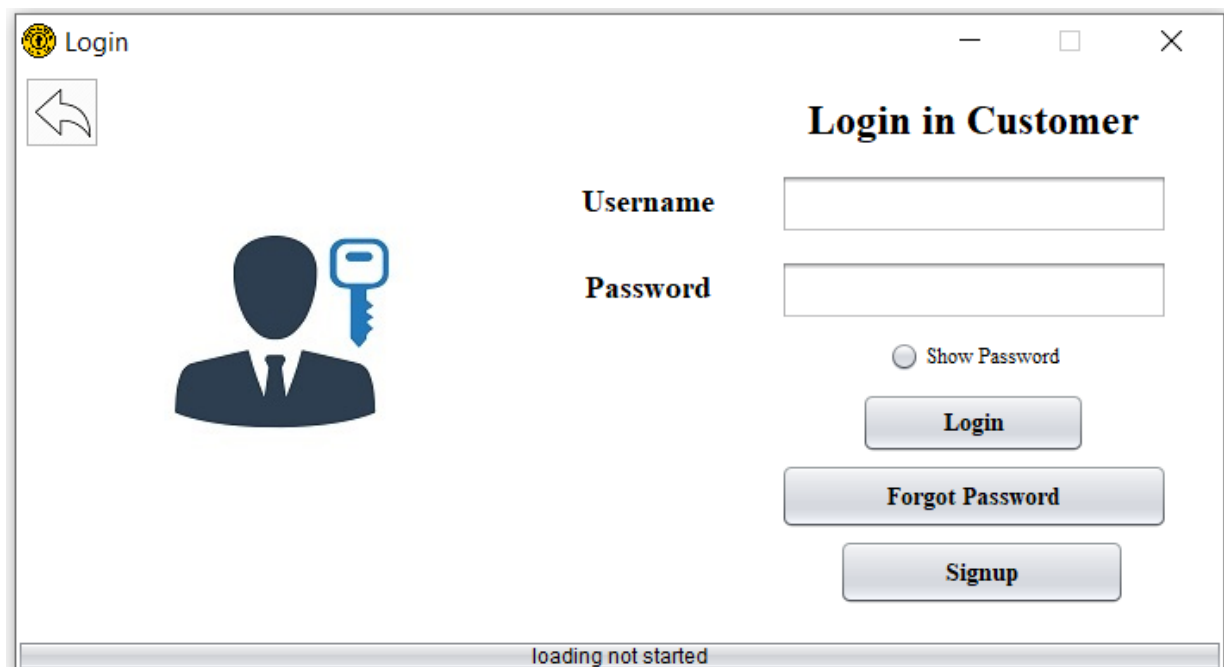



Figure 13 Login Customer



Forgot Password

Fisrt Name

Username

Aadhaar Number

Phone Number

Figure 14 Forgot Password

Go Fit

- Home
- HIIT
- Classes
- Diet
- Order Online
- Pay Fees
- Screening
- Trainer Guide
- Feedback
- Change Credentials
- Change Password

Customer

Username: aranshu_customer@gmail.com

First Name: Aranshu

Last Name: Bansal

Gender: Male

Date of Birth: 09/March/1999

Age: 22

Password: 7087214319

Aadhar Number: 1234123412341234

Address: 2, Phase-4, Mohali, Punjab, India



ABOUT GOLD'S GYM

We Keep Getting Stronger

The India chapter of Gold's Gym started in 2002, when the first Gold's Gym India branch was set up in Mumbai. In the next few years this number grew, and today Gold's Gym has cut out for itself 120 gyms in India with another 5 under construction and ready to start in this year.

With multiple awards for excellence under its belt including 2 awards from the Lions Club for the "Best Fitness Chain", An award from the Images Beauty & wellness for the Most admired fitness chain of the year", an award from Franchise India, 8 awards from Gold's Gym International making it a very eventful 14 years in the growth of the business. Gold's Gym India has bagged the most prestigious Economic Times ET award for 'Excellence in Marketing 2013' & 'Excellence in Customer Service 2014'.

Catering to famous celebrities including film & television personalities, sportspersons & Corporate honchos, Gold's Gym lives up to its reputation to give results. Whether your goal is to burn fat, tone or add muscle, build strength, increase flexibility or improve your cardiovascular health, only Gold's Gym has the atmosphere and experience you need.

CONNECT WITH US








Figure 15 Main Page Customer

Go Fit

Home

HIIT

Classes

Diet

Order Online

Pay Fees

Screening

Trainer Guide

Feedback

Change Credentials

Change Password

Customer

Username

aranshu_customer@gmail.com

First Name

Aranshu

Last Name

Bansal

Gender

Male

Date of Birth

09/March/1999

Age

22

Password

7087214319

Aadhar Number

1234123412341234

Address

2, Phase-4, Mohali, Punjab, India

Supplements

Protein Bar

Equipment

Sport Wear

CART

Order Status

Brain Boster MRP 350

Add To Cart

Alpha Mind MRP 200

Add To Cart

Neuro Force MRP 650

Add To Cart

Whey Protein MRP 400

Add To Cart

Gold Whey MRP 550

Add To Cart

MB MRP 650

Add To Cart

Figure 16 Order Online

Go Fit

Home

HIIT

Classes

Diet

Order Online

Pay Fees

Screening

Trainer Guide

Feedback

Change Credentials

Change Password

Customer

Username

aranshu_customer@gmail.com

First Name

Aranshu

Last Name

Bansal

Gender

Male

Date of Birth

09/March/1999

Age

22

Password

7087214319

Aadhar Number

1234123412341234

Address

2, Phase-4, Mohali, Punjab, India

Pay Fees

Name

Aranshu

Email

aranshu_customer@gmail.com

Phone Number

7087214319

Choose Plan

Please Select Your Plan

Amount

UPI ID


PAY

PhonePe

Paytm

Google Pay

Figure 17 Pay Online



HIIT

High Intensity Training

Abs of Steel

Abdominal muscles are body armour. They help protect your vital organs from damage. They keep your body performing at maximum and, when the clothes come off, they make you look terrific. This workout is the anvil where that armour is fashioned.

Extra Credit: 30 seconds rest between sets.




abs of steel

DAREBEE WORKOUT @ darebee.com

LEVEL I 3 sets LEVEL II 4 sets LEVEL III 5 sets REST up to 2 minutes

- 10 crunches
- 10 flutter kicks
- 5 leg raises
- 10 knee crunches
- 10 air bike crunches
- 5 crunch kicks
- 10 plank arm raises
- 10-count elbow plank
- 5 body saw

Figure 18 HIT



Class

Recreation Activity


Bhangra

Bhangrā (Punjabi: ਭੰਗਰਾ) is a type of traditional dance of the Indian subcontinent, originating in the Majha area of Punjab. The dance was associated primarily with the spring harvest festival Vaisakhi, and it is from one of the major products of the harvest—bhang (hemp)—that bhangra drew its name.[citation needed] In a typical performance, several dancers executed vigorous kicks, leaps, and bends of the body to the accompaniment of short songs called boliyan and, most significantly, to the beat of a dhol (double-headed drum).[citation needed] Struck with a heavy beater on one end and with a lighter stick on the other, the dhol imbued the music with a syncopated (accents on the weak beats), swinging rhythmic character that has generally remained the hallmark of any music that has come to bear the bhangra name.[citation needed] For the Punjabi-Sikh community in particular, every celebration continues the traditional dance form today, which is rooted at the community's core.

Bhangra was mainly done by Punjabi farmers during the harvesting season. It was mainly performed while farmers did agricultural chores. As they did each farming activity they would perform bhangra moves on the spot. This allowed them to finish their job in a pleasurable way. After harvesting their wheat crops during the Vaisakhi season, people used to attend cultural festivals while dancing bhangra. For many years, farmers performed bhangra to showcase a sense of accomplishment and to welcome the new harvesting season.



Timing 9 to 10 am 6 to 7 pm



GOLD'S GYM

Figure 19 Class

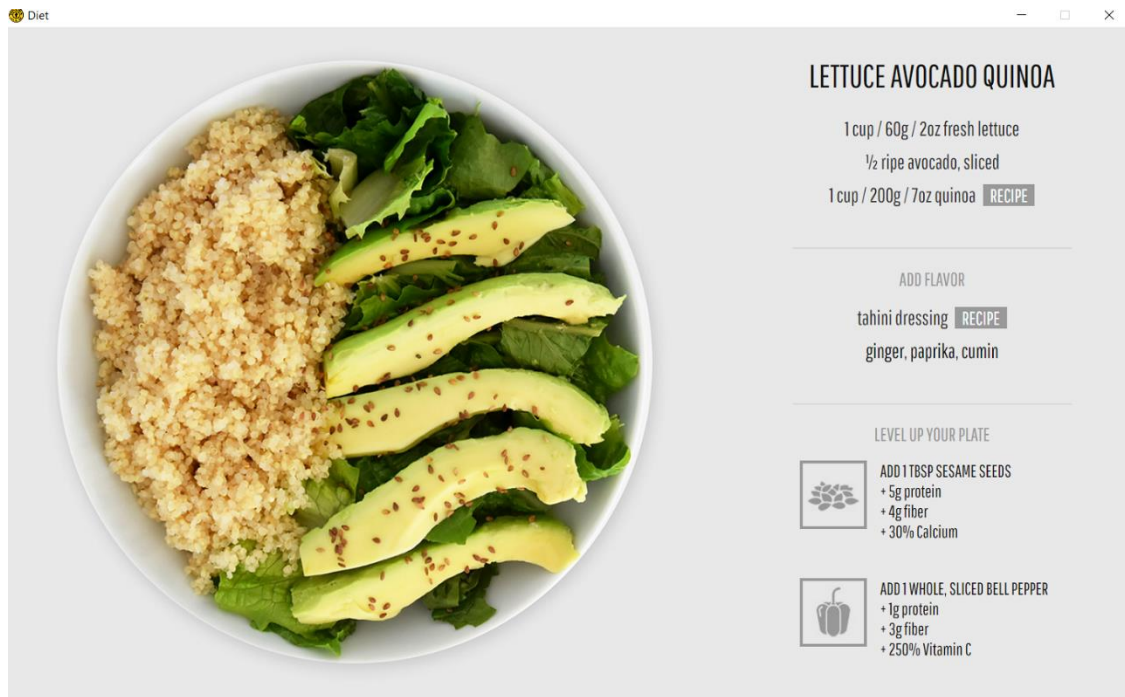


Figure 20 Diet

Signup Page

First Name

Username

Password

Confirm password

Phone Number

Date of Birth

Aadhar Number

Address

Last Name

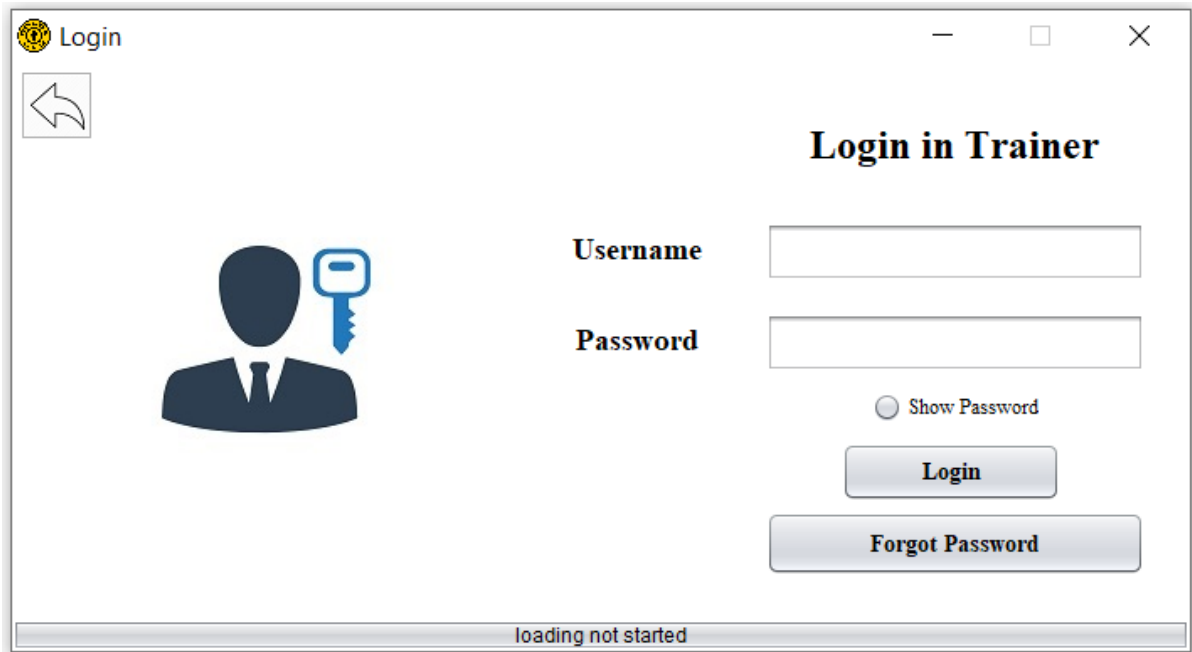
☐ Show Password

☐ Show Password

Age

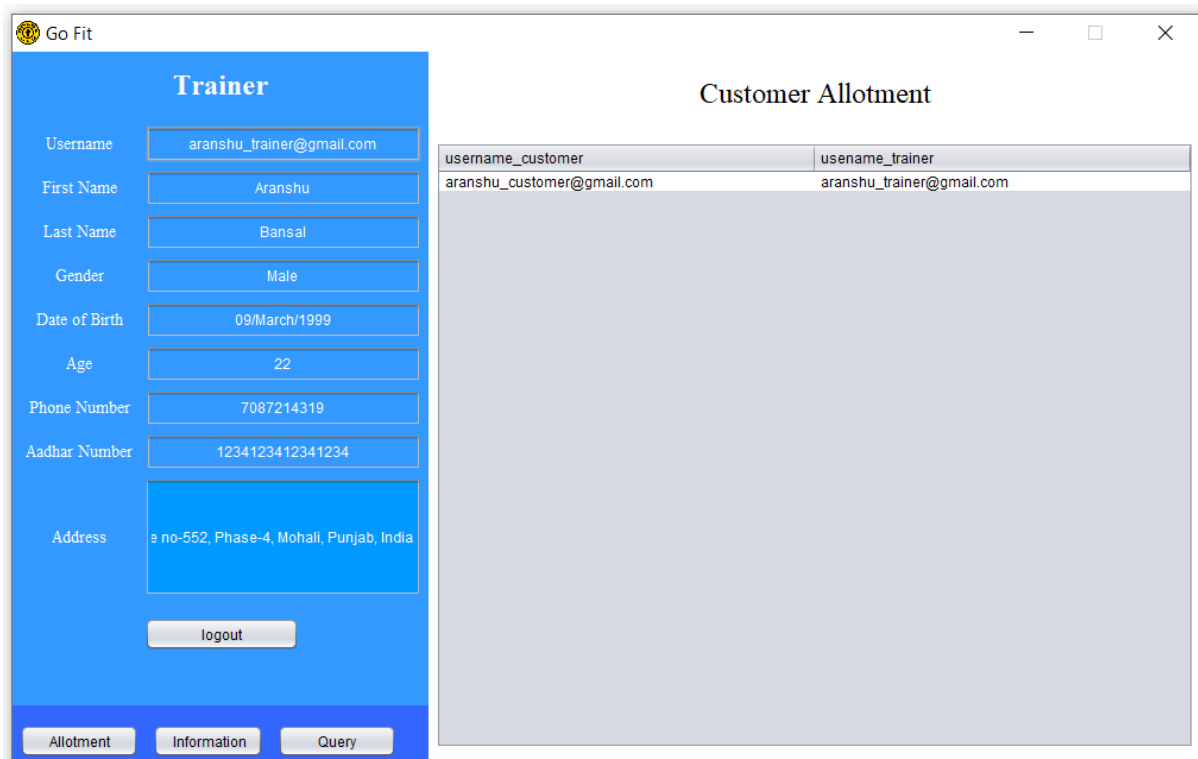
Gender

Figure 21 Signup



The login window is titled "Login" and "Login in Trainer". It features a back arrow icon, a user icon with a key, and input fields for "Username" and "Password". There is a "Show Password" toggle, "Login" and "Forgot Password" buttons, and a status bar at the bottom that says "loading not started".

Figure 22 Login Trainer



The main page is titled "Go Fit" and "Trainer". It contains a form for user details and a "Customer Allotment" table.

username_customer	username_trainer
aranshu_customer@gmail.com	aranshu_trainer@gmail.com

The form includes fields for Username, First Name, Last Name, Gender, Date of Birth, Age, Phone Number, Aadhar Number, and Address. A "logout" button is at the bottom of the form. Navigation buttons for "Allotment", "Information", and "Query" are at the bottom of the page.

Figure 23 Main Page Trainer

CHAPTER 6: CONCLUSION

This project that I undertook was truly a very rewarding experience for me in more than one way. It has given a big thrust to my technical knowledge as prospective Software professional. It has also helped me enhance my skills on the personal front.

And I feel extremely satisfied by the fact that I have managed to develop the project of course with equal contribution from my team members. I think I have exploited the opportunity that came my way to the fullest extent by increasing my technical know-how and also gaining the valuable work experience apart from studying the other subjects in our curriculum.

The project 'Go Fit' mainly help gym's which are small and medium sized. This application helps to enable the gym owners to generate revenue and further offers an online platform for their business model.

In today's world, technology is very useful in general, it helps us to increase business of gym owners, decrease the competition, be unique in the market, increase the revenue, and also this model is very customer friendly, easy to adapt and very effective.

The interface is really easy to use and a trainer directly links the customers with each other, trainer also take care of various tie-ups

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