



DEHARI HOME BASED SERVICE



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Table Of Content

- 03 Our Team
- 04 Languages & Technologies Used
- 05 Languages & Technologies Used
- 06 Plan of work
- 07 Screen Shots
- 08 Source Code
- 09 Database



Meet Our Team

The success of the Dehari Project is driven by a passionate and dedicated team committed to innovation, collaboration, and community impact. Our team comprises individuals from diverse backgrounds, each bringing unique skills and perspectives to the table. From project planning and development to design and execution, every member has played a crucial role in bringing this initiative to life. Together, we aim to create solutions that empower daily wage earners and support sustainable livelihoods.



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Introduction of the Project

Dehari is a platform designed to connect skilled daily wage workers with individuals and businesses in need of their services. The aim of the project is to empower laborers by providing them with increased visibility, fair job opportunities, and a reliable source of income. Whether it's plumbing, electrical work, construction help, or general labor, Dehari bridges the gap between demand and supply through a simple, user-friendly interface.



The platform promotes trust, transparency, and convenience by enabling users to browse worker profiles, view ratings, and hire based on location and skill. By leveraging technology, Dehari not only supports workers in finding consistent work but also helps users access reliable help when they need it most.

Our mission is to uplift the working class, support local economies, and build a stronger, more connected community—one job at a time.

Languages & Technologies Used

The Dehari Project is developed using a combination of programming languages, libraries, and tools to ensure a smooth, responsive, and user-friendly experience.

Java (Swing Framework): The core application is built using Java Swing, a powerful GUI toolkit for building desktop applications. It provides a flexible and efficient way to design the user interface.

FlatLaf: A modern, open-source Look and Feel (LAF) for Swing that gives the application a clean and contemporary UI design, enhancing user experience and visual appeal.

Additional Libraries: Several third-party and random utility libraries have been integrated to streamline tasks such as form validation, layout management, and event handling, contributing to better functionality and faster development.

MySQL Database: For data storage and management, MySQL is used as the backend database. It handles all the user data, service records, and job history efficiently and securely.

Plan of work

The Dehari Project was developed through a structured and step-by-step approach to ensure effective design, smooth functionality, and successful implementation. Each phase focused on specific goals to keep the development process organized and efficient.

Requirement Gathering: Identified the needs of daily wage workers and users to define key features and functionality of the platform.

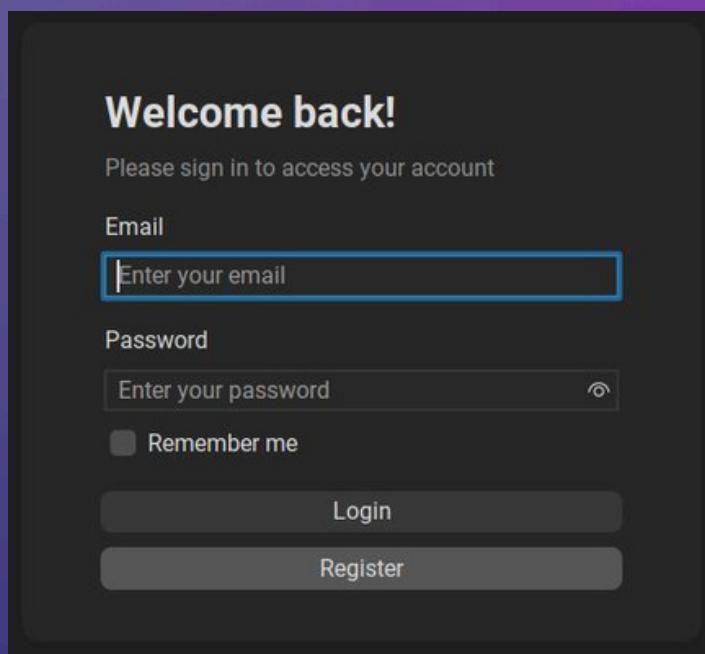
Design and UI Development: Created user-friendly interfaces using Java Swing and FlatLaf, focusing on simplicity, accessibility, and clean layout.

Backend Development and Integration: Developed the logic for user management, job posting, and data handling, and integrated it with the MySQL database.

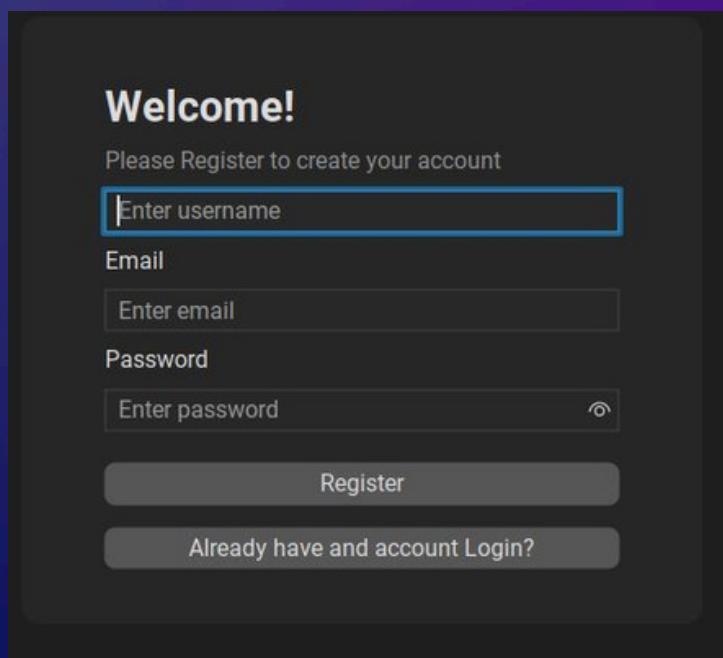
Testing and Finalization: Conducted multiple tests to ensure functionality, fixed bugs, and finalized the application for deployment.

Screen Shots

Login.java

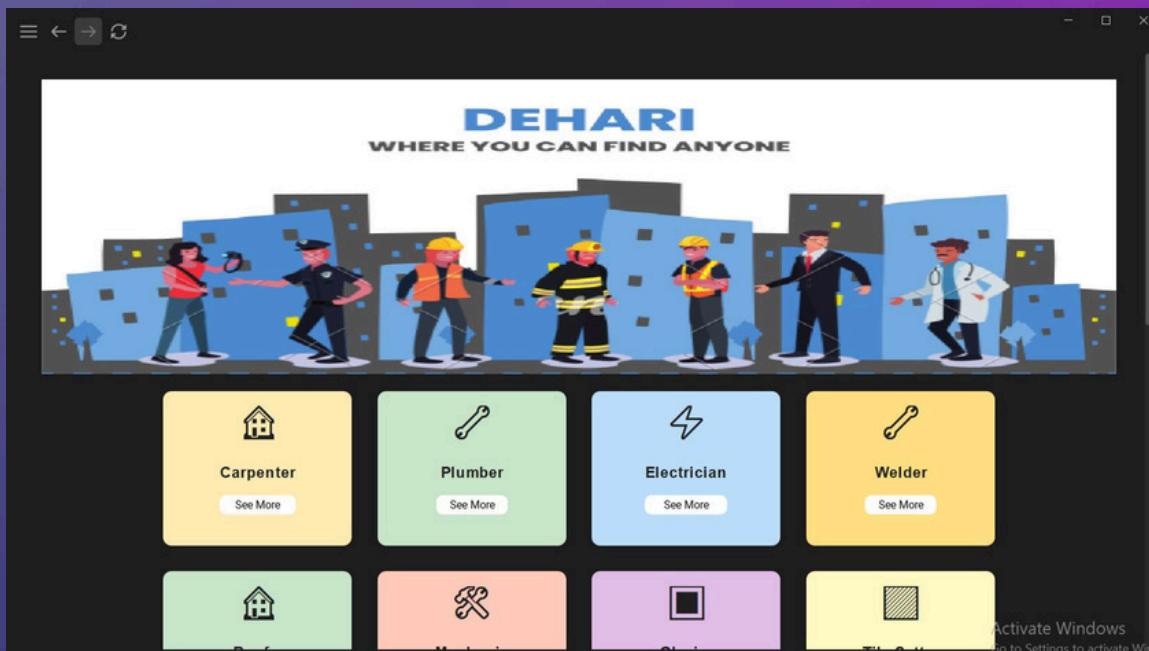


Register.java

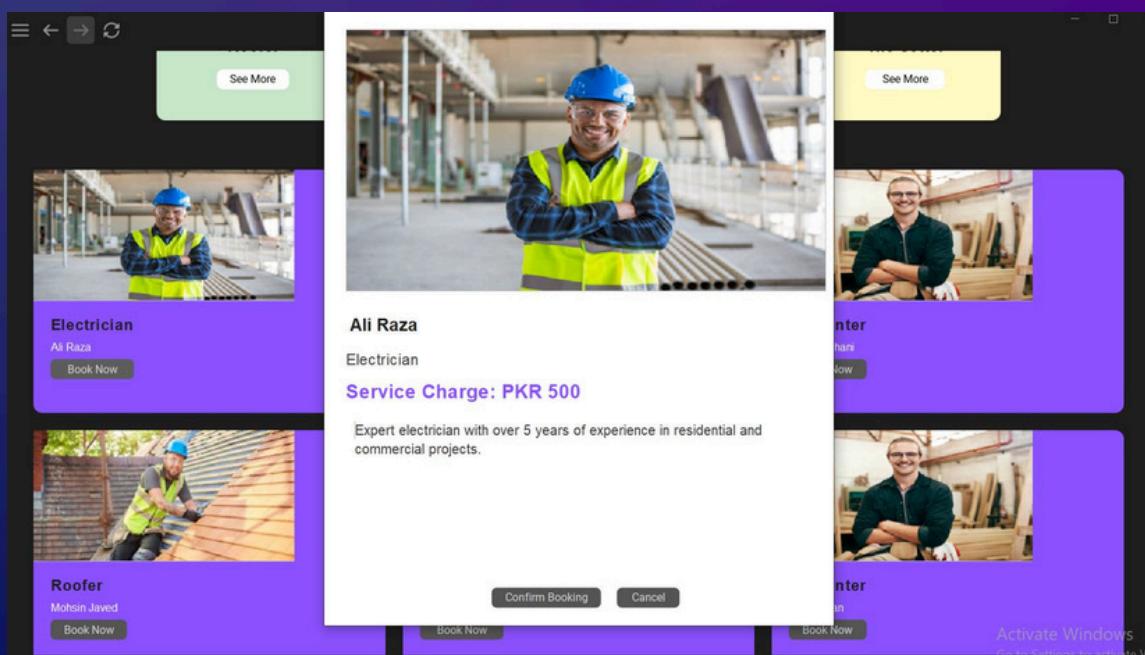


Screen Shots

Home.java

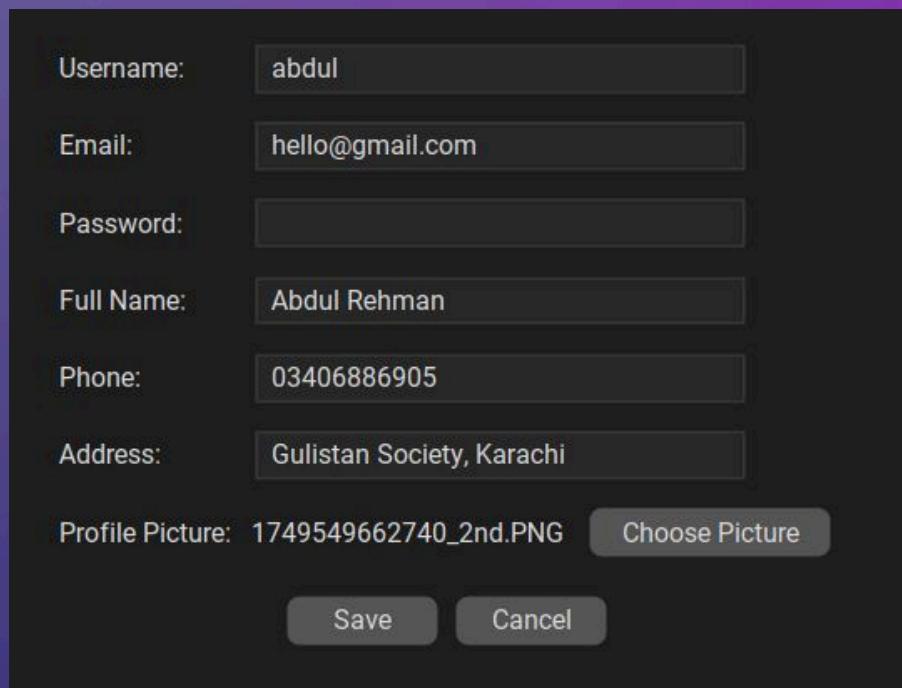


Home.java

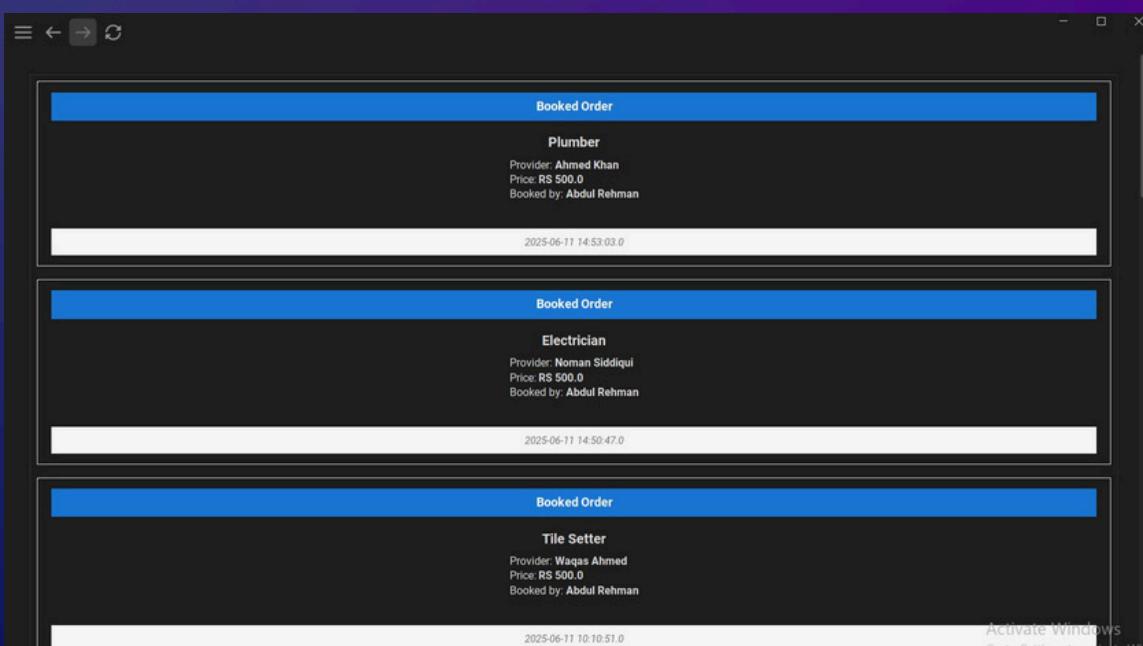


Screen Shots

EditProfile.java



MyOrders.java



Screen Shots

Dashboard.java

The screenshot shows a dashboard with three summary cards:

- Services Bought:** 15
- Profit:** RS 2250
- Total Users:** 96

Below the cards is a table titled "Registered Users" with the following columns: ID, Username, Email, Full Name, Phone, Address, Profile Picture, Admin, Usertype, Created At, Updated At, and Status. The table contains 29 rows of user data.

ID	Username	Email	Full Name	Phone	Address	Profile Picture	Admin	Usertype	Created At	Updated At	Status
1	AbdulRehman	rehamanabdul14...	abdul rehman	03157550272	karachi		yes	admin	2025-06-10 14...	2025-06-10 21...	active
2	AbdulRehman	rehamanabdul1...					no		2025-06-10 14...	2025-06-10 14...	active
3	abdul	hello@gmail.com	Abdul Rehman	03406886905	Gulistan Societ...	resource/image...	yes	admin	2025-06-10 14...	2025-06-11 09...	active
5	admin	admin@gmail.c...					yes	user	2025-06-10 14...	2025-06-10 14...	active
6	ali.raza	ali.raza@gmail...					no	provider	2025-06-10 14...	2025-06-10 14...	active
7	ahmed.khan	ahmed.khan@y...					no	provider	2025-06-10 14...	2025-06-10 14...	active
8	usman.ghani	usman.ghani@g...					no	provider	2025-06-10 14...	2025-06-10 14...	active
10	mohsin.javed	mohsin.javed@...					no	provider	2025-06-10 14...	2025-06-10 14...	active
12	bilal.hussain	bilal.hussain@g...					no	provider	2025-06-10 14...	2025-06-10 14...	active
14	umar.khan	umar.khan@hot...					no	provider	2025-06-10 14...	2025-06-10 14...	active
16	hassan.nawaz	hassan.nawaz...					no	provider	2025-06-10 14...	2025-06-10 14...	active
18	javad.ali	javad.ali@gma...					no	provider	2025-06-10 14...	2025-06-10 14...	active
20	farhan.ahmed	farhan.ahmed...					no	provider	2025-06-10 14...	2025-06-10 14...	active
22	saeed.shaiikh	saeed.shaiikh@y...					no	provider	2025-06-10 14...	2025-06-10 14...	active
23	noor.aziz	noor.aziz@hot...					no	provider	2025-06-10 14...	2025-06-10 14...	active
24	rashid.ali	rashid.ali@gma...					no	provider	2025-06-10 14...	2025-06-10 14...	active
27	ahmedraza	ahmed.raza@ex...	Ahmed Raza	03001234567	House No 24, St... /dehari/resource...	no	provider	2025-06-11 04...	2025-06-11 04...	active	
28	usmankhalid	usman.khalid@...	Usman Khalid	03121234567	Block C, Gulsha...	/dehari/resource...	no	provider	2025-06-11 04...	2025-06-11 04...	active
29	fahadali	fahad.ali@ex...	Fahad Ali	03211234567	Street 11, Secto...	/dehari/resource...	no	provider	2025-06-11 04...	2025-06-11 04...	active
30	imranchotia	imran.chotia@...	Imran Chotia	03451234567	Tameem ul Bahr...	/dehari/resource...	no	provider	2025-06-11 04...	2025-06-11 04...	active

ManageServiceProvider.java

The screenshot shows a table titled "Add" with the following columns: ID, User ID, Full Na..., Email, Password, Contact..., Address, City, State, Postal C..., Country, Service..., Experien..., Skills, Profile P..., Descript..., Created At, Updated..., Reviews, and Rating. The table contains 59 rows of provider data.

ID	User ID	Full Na...	Email	Password	Contact...	Address	City	State	Postal C...	Country	Service...	Experien...	Skills	Profile P...	Descript...	Created At	Updated...	Reviews	Rating
21	6	All Raza	all.raza...	8c6976e...	030012...	Nazima...	Karachi	Sindh	74600	Pakistan	Electrici...	6	Wiring, ...	/dehari/...	Expert el...	2025-06...	2025-06...	Reliable ...	4.60
22	7	Ahmed ...	ahmed.k...	8c6976e...	030223...	Gulshan...	Karachi	Sindh	75300	Pakistan	Plumber	3	Leak fixi...	/dehari/...	Alforda...	2025-06...	2025-06...	Fixed m...	4.30
23	8	Usman ...	usman...	8c6976e...	031122...	Defence...	Karachi	Sindh	75500	Pakistan	Carpenter	6	Furnitur...	/dehari/...	High-qu...	2025-06...	2025-06...	Made a ...	4.70
25	10	Mohsin ...	mohsin.j...	8c6976e...	030445...	PECHS ...	Karachi	Sindh	75400	Pakistan	Roofer	4	Roof rep...	/dehari/...	Reliable ...	2025-06...	2025-06...	Fixed m...	4.40
27	12	Bilal Hu...	bilal.hus...	8c6976e...	030667...	North N...	Karachi	Sindh	74700	Pakistan	Electrici...	6	Home w...	/dehari/...	Skilled e...	2025-06...	2025-06...	Quick an...	4.60
29	14	Umar K...	umar.kh...	8c6976e...	030889...	Mallr Ca...	Karachi	Sindh	75100	Pakistan	Carpenter	5	Door ins...	/dehari/...	Dedicat...	2025-06...	2025-06...	Strong ...	4.50
31	16	Hassan ...	hassan...	8c6976e...	030101...	Saddar	Karachi	Sindh	74000	Pakistan	Roofer	3	Roof m...	/dehari/...	Trusted ...	2025-06...	2025-06...	Good qu...	4.30
33	18	Jawad Ali	Jawad.al...	8c6976e...	030151...	Korangi	Karachi	Sindh	74920	Pakistan	Electrici...	6	Lighting...	/dehari/...	Reliable ...	2025-06...	2025-06...	Handled...	4.60
35	20	Farhan ...	farhan.a...	8c6976e...	030222...	North K...	Karachi	Sindh	74750	Pakistan	Carpenter	5	Furnitur...	/dehari/...	Experienc...	2025-06...	2025-06...	Very sati...	4.50
37	22	Saeed S...	saeed.s...	8c6976e...	030282...	Mallr	Karachi	Sindh	75110	Pakistan	Roofer	4	Roof ins...	/dehari/...	Experienc...	2025-06...	2025-06...	Reliable ...	4.40
38	23	Noor Aziz	noor.azi...	8c6976e...	031323...	Gulshan...	Karachi	Sindh	75360	Pakistan	Mechanic	7	Car repa...	/dehari/...	Skilled ...	2025-06...	2025-06...	Great m...	4.60
39	24	Rashid Ali	rashid.al...	8c6976e...	030363...	Gulberg ...	Karachi	Sindh	75420	Pakistan	Electrici...	5	Resident ...	/dehari/...	Depend...	2025-06...	2025-06...	Professional...	4.50
52	27	Ahmed ...	ahmed...	8c6e84be...	030012...	House N...	Lahore	Punjab	54000	Pakistan	Carpenter	7	Wood c...	/dehari/...	Experienc...	2025-06...	2025-06...		4.60
53	28	Usman ...	usman.k...	8c6e84be...	031212...	Block C...	Karachi	Sindh	75300	Pakistan	Carpenter	10	Cabinet ...	/dehari/...	Over 10 ...	2025-06...	2025-06...		4.80
54	29	Fahad Ali	fahad.al...	8c6e84be...	032112...	Street 1...	Islamab...	Capital	44000	Pakistan	Carpenter	5	Frame a...	/dehari/...	Detail-or...	2025-06...	2025-06...		4.40
55	30	Imran S...	imran.s...	8c6e84be...	034512...	Townsh...	Lahore	Punjab	54000	Pakistan	Carpenter	8	Home re...	/dehari/...	Special...	2025-06...	2025-06...		4.90
56	31	Noman ...	noman.j...	8c6e84be...	030912...	New Kar...	Karachi	Sindh	75850	Pakistan	Carpenter	3	Minor re...	/dehari/...	Reliable ...	2025-06...	2025-06...		4.10
57	32	Waqas ...	waqas.z...	8c6e84be...	033312...	Near Sa...	Rawalpi...	Punjab	46000	Pakistan	Carpenter	12	Expert jo...	/dehari/...	12 years...	2025-06...	2025-06...		5.00
58	33	Hassan ...	hassan...	8c6e84be...	034212...	Sector 1...	Karachi	Sindh	74900	Pakistan	Carpenter	6	Wardrob...	/dehari/...	Quick a...	2025-06...	2025-06...		4.30
59	34	Tariq M...	tariq.m...	8c6e84be...	030612...	Opposit...	Faislab...	Punjab	38000	Pakistan	Carpenter	15	Custom ...	/dehari/...	Master c...	2025-06...	2025-06...		4.70

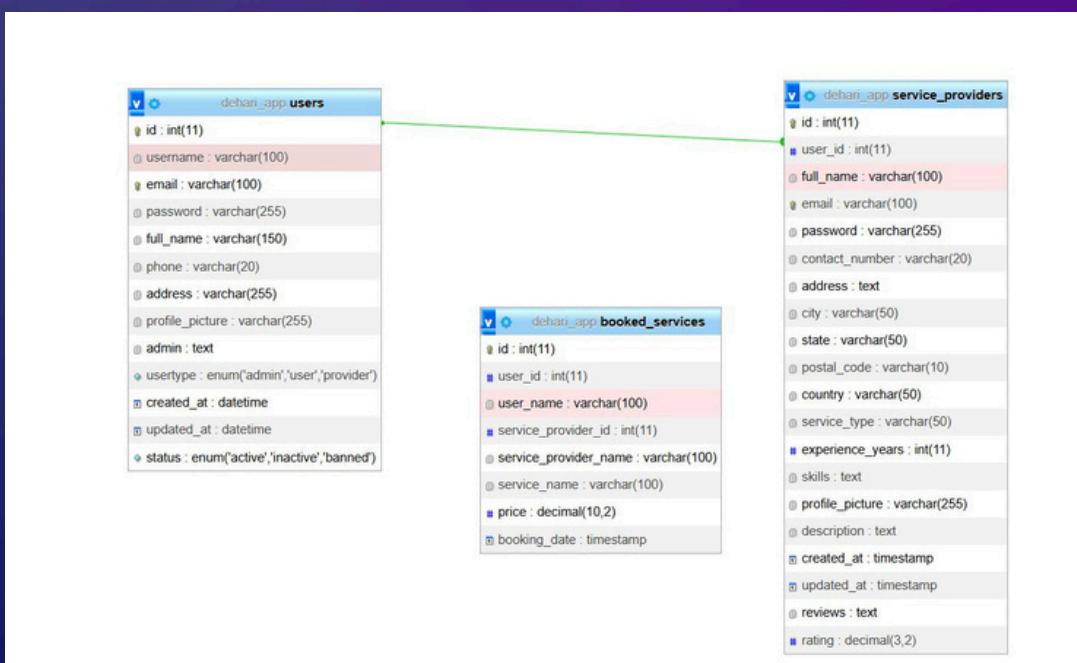
Screen Shots

ManageBookedOrders.java

The screenshot shows a Java Swing application window titled "ManageBookedOrders.java". The window contains a table with the following columns: ID, User ID, User Name, Service Provider ID, Service Provider Name, Service Name, Price, and Booking Date. The data in the table is as follows:

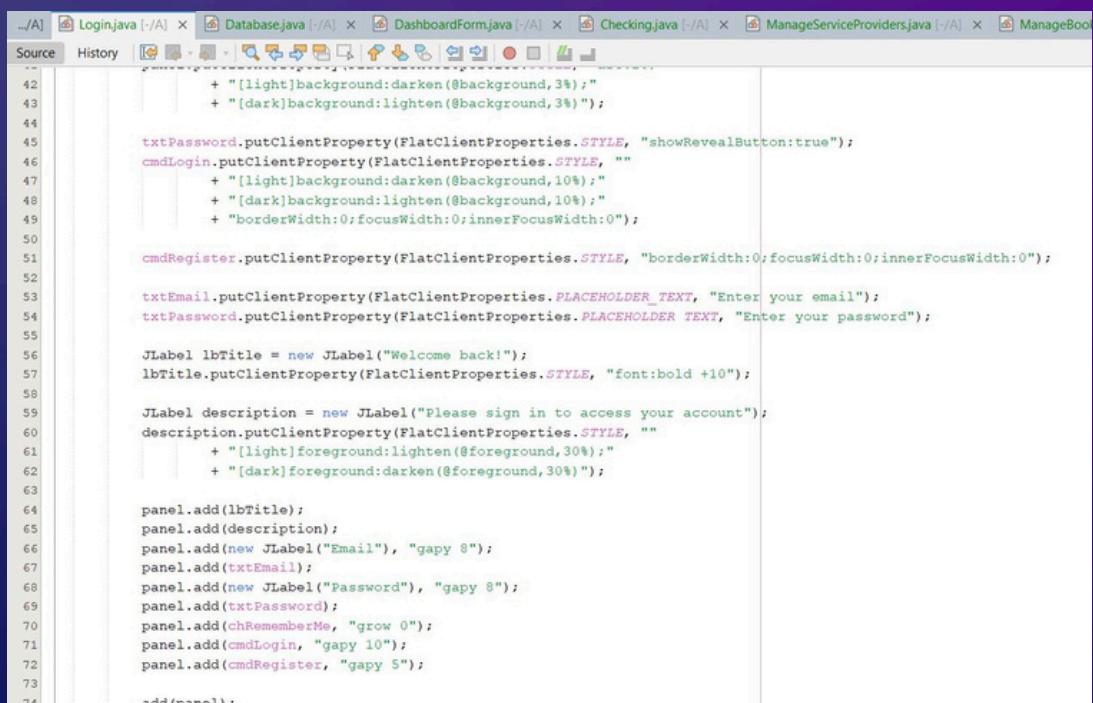
ID	User ID	User Name	Service Provider ID	Service Provider Name	Service Name	Price	Booking Date
2	0	abdul	6	Ali Raza	Electrician	500.00	2025-06-10 00:12:38.0
3	0	abdul	8	Usman Ghani	Carpenter	500.00	2025-06-10 00:13:18.0
4	0	abdul	6	Ali Raza	Electrician	500.00	2025-06-10 00:17:09.0
5	3	abdul	6	Ali Raza	Electrician	500.00	2025-06-10 00:25:54.0
6	3	abdul	8	Usman Ghani	Carpenter	500.00	2025-06-10 00:40:20.0
7	3	abdul	6	Ali Raza	Electrician	500.00	2025-06-10 18:19:46.0
8	3	abdul	8	Usman Ghani	Carpenter	500.00	2025-06-10 18:55:47.0
9	3	abdul	6	Ali Raza	Electrician	500.00	2025-06-10 19:01:18.0
10	3	Abdul Rehman	6	Ali Raza	Electrician	500.00	2025-06-11 02:11:52.0
11	3	Abdul Rehman	43	Junaid Shah	Plumber	500.00	2025-06-11 09:30:57.0
12	3	Abdul Rehman	61	Faraz Qureshi	Welder	500.00	2025-06-11 09:37:52.0
13	3	Abdul Rehman	10	Mohsin Javed	Roofers	500.00	2025-06-11 10:10:44.0
14	3	Abdul Rehman	122	Waqas Ahmed	Tile Setter	500.00	2025-06-11 10:10:51.0
15	3	Abdul Rehman	49	Noman Siddiqui	Electrician	500.00	2025-06-11 14:50:47.0
16	3	Abdul Rehman	7	Ahmed Khan	Plumber	500.00	2025-06-11 14:53:03.0

Dehari Database



Source Code

```
90     pieChart3.setChartType(PieChart.ChartType.DONUT_CHART);
91     pieChart3.putClientProperty(FlatClientProperties.STYLE, ""
92         + "border:5,5,5,$Component.borderColor,,20");
93     pieChart3.setDataset(createPieData());
94     add(pieChart3, "height 290");
95 }
96
97 private void createLineChart() {
98     lineChart = new LineChart();
99     lineChart.setChartType(LineChart.ChartType.CURVE);
100    lineChart.putClientProperty(FlatClientProperties.STYLE, ""
101        + "border:5,5,5,$Component.borderColor,,20");
102    add(lineChart);
103    createLineChartData();
104 }
105
106 private void createBarChart() {
107     // BarChart 1
108     barChart1 = new HorizontalBarChart();
109     JLabel header1 = new JLabel("Monthly Income");
110     header1.putClientProperty(FlatClientProperties.STYLE, ""
111         + "font:+1;";
112         + "border:0,0,5,0");
113     barChart1.setHeader(header1);
114     barChart1.setBarColor(Color.decode("#f97316"));
115     barChart1.setDataset(createData());
116     JPanel panel1 = new JPanel(new BorderLayout());
117     panel1.putClientProperty(FlatClientProperties.STYLE, ""
118         + "border:5,5,5,$Component.borderColor,,20");
119     panel1.add(barChart1);
120     add(panel1, "split 2,gap 0 20");
121
122     // BarChart 2
```



The screenshot shows a Java IDE interface with several tabs open at the top: Loginjava, Databasejava, DashboardFormjava, Checking.java, ManageServiceProviders.java, and ManageBo. The main window displays a block of Java code for a login or registration form. The code includes imports for javax.swing, javax.swing.GroupLayout, javax.swing.LayoutStyle.ComponentPlacement, java.awt, and java.awt.event. It defines variables like txtEmail, txtPassword, cmdLogin, cmdRegister, and chRememberMe, and sets their properties such as style, placeholder text, and layout parameters. It also creates labels (lbTitle, description), adds components to a panel, and handles button events.

```
42     + "[light]background:darken(@background,3%);"
43     + "[dark]background:lighten(@background,3%)";
44
45     txtPassword.putClientProperty(FlatClientProperties.STYLE, "showRevealButton:true");
46     cmdLogin.putClientProperty(FlatClientProperties.STYLE, ""
47         + "[light]background:darken(@background,10%);"
48         + "[dark]background:lighten(@background,10%)"
49         + "borderWidth:0;focusWidth:0;innerFocusWidth:0");
50
51     cmdRegister.putClientProperty(FlatClientProperties.STYLE, "borderWidth:0;focusWidth:0;innerFocusWidth:0");
52
53     txtEmail.putClientProperty(FlatClientProperties.PLACEHOLDER_TEXT, "Enter your email");
54     txtPassword.putClientProperty(FlatClientProperties.PLACEHOLDER_TEXT, "Enter your password");
55
56     JLabel lbTitle = new JLabel("Welcome back!");
57     lbTitle.putClientProperty(FlatClientProperties.STYLE, "font:bold +10");
58
59     JLabel description = new JLabel("Please sign in to access your account");
60     description.putClientProperty(FlatClientProperties.STYLE, ""
61         + "[light]foreground:lighten(@foreground,30%);"
62         + "[dark]foreground:darken(@foreground,30%)");
63
64     panel.add(lbTitle);
65     panel.add(description);
66     panel.add(new JLabel("Email"), "gapy 8");
67     panel.add(txtEmail);
68     panel.add(new JLabel("Password"), "gapy 8");
69     panel.add(txtPassword);
70     panel.add(chRememberMe, "grow 0");
71     panel.add(cmdLogin, "gapy 10");
72     panel.add(cmdRegister, "gapy 5");
73
74     add(panel);
```

Source Code

```
package dehari.database;

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

public class DBConnection {
    private static final String URL = "jdbc:mysql://localhost:3306/dehari_app?useSSL=false&serverTimezone=UTC";
    private static final String USER = "root";
    private static final String PASSWORD = "";

    public static Connection getConnection() throws SQLException, ClassNotFoundException {
        Class.forName("com.mysql.cj.jdbc.Driver");
        return DriverManager.getConnection(URL, USER, PASSWORD);
    }
}
```

The screenshot shows a Java code editor with multiple tabs at the top: Home.java, ModelServiceProvider.java, ModelUser.java, ModelBookedService.java, and FormManager.java. The Home.java tab is active. The code is as follows:

```
1 package dehari.pages;
2
3 import com.formdev.flatlaf.FlatClientProperties;
4 import dehari.components.SimpleForm;
5 import dehari.menu.FormManager;
6 import dehari.model.ModelServiceProvider;
7 import net.miginfocom.swing.MigLayout;
8
9 import javax.swing.*;
10 import java.awt.*;
11 import java.awt.image.BufferedImage;
12 import java.net.URL;
13 import java.sql.*;
14 import java.util.ArrayList;
15 import java.util.List;
16
17 public class Home extends SimpleForm {
18
19     private JLabel slideshowLabel;
20     private final String[] imagePaths = {
21         "/dehari/resources/image/DEHARI.png",
22         "/dehari/resources/image/DEHARII.png",
23         "/dehari/resources/image/HURRYhe.png"
24     };
25     private int currentImageIndex = 0;
26     private Timer slideshowTimer;
27
28     private final int PAGE_SIZE = 6;
29     private int currentPage = 0;
30     private List<ModelServiceProvider> allProviders = new ArrayList<>();
31     private JPanel providersPanel;
32     private JButton btnPrev, btnNext;
33     private JLabel lblPage;
```

THANK YOU

