

JOURNIFY

MINI PROJECT BY

PARVATHRAJ B – 230701224

RAGHAVAN PS - 230701250

in partial fulfillment of the award of the degree
OF BACHELOR OF ENGINEERING IN
COMPUTER SCIENCE AND ENGINEERING



An Autonomous Institute

CHENNAI

BONAFIDE CERTIFICATE

Certified that this project “JOURNIFY” is the bonafide work of “Parvathraj B and Raghavan PS” who carried out the project work under my supervision.

Submitted for the practical examination held on

SIGNATURE

Dr.R.SABITHA
Professor and Academic Head,
Computer Science and Engineering,
Rajalakshmi Engineering College
(Autonomous),
Thandalam,Chennai-602105

SIGNATURE

Ms.Aswana Lal,
Assistant Professor(SG),
Computer Science and Engineering,
Rajalakshmi Engineering College
(Autonomous),
Thandalam,Chennai-602105

INTERNAL EXAMINER

EXTERNAL EXAMINER

ABSTRACT

This travel app serves as a one-stop solution for planning and booking travel experiences, combining the convenience of hotel reservations and curated travel packages. Designed to cater to diverse travel needs, the app provides users with a wide selection of accommodations, ranging from budgetfriendly hotels to luxury resorts, along with customizable packages that include sightseeing, adventure activities, and cultural experiences.

The app features an intuitive interface that allows users to browse destinations, filter options based on preferences, and compare prices and amenities with ease. With real-time updates on availability, secure payment integrations, and multilanguage support, it ensures a seamless and hassle-free booking process.

Leveraging advanced algorithms and AI-driven personalization, the app offers tailored recommendations based on user preferences, travel history, and seasonal trends. It also includes exclusive deals, user reviews, and travel guides to enhance decision-making. Whether planning a solo trip, a family vacation, or a corporate retreat, the app simplifies the journey from inspiration to booking, making it an indispensable tool for modern travelers seeking memorable experiences

TABLE OF CONTENTS

1. INTRODUCTION

1.1 INTRODUCTION 1.2 IMPLEMENTATION 1.3 SCOPE OF THE PROJECT 1.4 WEBSITE FEATURES

2. SYSTEM SPECIFICATION

2.1 HARDWARE SPECIFICATION 2.2 SOFTWARE SPECIFICATION

3. SAMPLE CODE

3.1 BOOKING FORM PAGE 3.2 HOME PAGE 3.3 REGISTER PAGE 3.4 STYLE UNITS 3.5 ABOUT US PAGE 3.6 DATABASE CONNECTION 3.7 JOURNIFY APP 3.8 LOGINPAGE 3.9 TRAVEL PACKAGES PAGE

4. SNAPSHOTS

4.1 BOOKING FORM PAGE 4.2 HOME PAGE 4.3 REGISTER PAGE 4.4 STYLE UNITS 4.5 ABOUT US PAGE 4.6 DATABASE CONNECTION 4.7 JOURNIFY APP 4.8 LOGINPAGE 4.9 TRAVEL PACKAGES PAGE

5. CONCLUSION

6. REFERENCES

INTRODUCTION

This project focuses on developing a travel app that streamlines the booking process for hotels and travel packages. Designed to simplify trip planning, the app offers a wide range of accommodations and curated packages, catering to various budgets and preferences. With features like real-time availability, secure payments, and personalized recommendations, it ensures a hassle-free and enjoyable travel experience. By integrating everything into a single platform, the app aims to make planning and booking trips quick, efficient, and convenient for all travelers.

1.1 IMPLEMENTATION

The project discussed here is implemented using the concepts of JAVA SWINGS and MYSQL.

1.2 SCOPE OF THE PROJECT

This travel app aims to simplify trip planning by offering hotel bookings and curated travel packages in one platform. It includes features like real-time availability, secure payments, personalized recommendations, and exclusive deals. Catering to diverse traveler needs, the app ensures a seamless and efficient booking experience for both leisure and business travelers. Future expansion includes adding more destinations, loyalty programs, and partnerships with local operators.

1.3 WEBSITE FEATURES

Registering and login page

Can book customised cities

Can book customised hotels

SYSTEM SPECIFICATIONS

2.1 HARDWARE SPECIFICATIONS: PROCESSOR

: Intel i5

MEMORY SIZE : 4GB(Minimum) DISK

: 500 GB of free space

2.2 SOFTWARE SPECIFICATIONS: PROGRAMMING

LANGUAGE : Java,

MySQL FRONT-END : Java

BACK-END : MySQL

OPERATING SYSTEM : Windows 10

SAMPLE CODE 3.1 BOOKING FORM PAGE

```
import javax.swing.*; import
java.awt.*; import
java.awt.event.ActionListener;

public class BookingFormPage extends JPanel {

    public BookingFormPage(ActionListener navigationListener) { setLayout(new
        BorderLayout()); setBackground(StyleUtils.BACKGROUND_COLOR);

        // Title

        JLabel title = StyleUtils.createTitleLabel("<html><h1>Booking
Form</h1><p>Complete your booking details below.</p></html>");

        add(title, BorderLayout.NORTH);

        // Form Panel

        JPanel formPanel = new JPanel(new GridLayout(6, 2, 10, 10));
        formPanel.setBorder(BorderFactory.createEmptyBorder(20, 50, 20, 50));
        formPanel.setBackground(Color.WHITE);

        formPanel.add(new JLabel("Full Name:", JLabel.RIGHT));
        JTextField nameField = new JTextField();
        formPanel.add(nameField);

        formPanel.add(new JLabel("Email:", JLabel.RIGHT));
        JTextField emailField = new JTextField();
        formPanel.add(emailField);

        formPanel.add(new JLabel("Phone:", JLabel.RIGHT));
        JTextField phoneField = new JTextField();
        formPanel.add(phoneField);
```

```

        formPanel.add(new JLabel("Travel Package:", JLabel.RIGHT));

        JComboBox<String> packageBox = new JComboBox<>(new String[]{"Paris
Getaway", "Swiss Alps", "Goa Retreat"}); formPanel.add(packageBox);


        formPanel.add(new JLabel("Booking Date (YYYY-MM-DD):", JLabel.RIGHT));
        JTextField dateField = new JTextField(); formPanel.add(dateField);


        JButton btnSubmit = StyleUtils.createStyledButton("Submit Booking",
StyleUtils.SECONDARY_COLOR);      btnSubmit.addActionListener(e    ->
JOptionPane.showMessageDialog(this, "Booking Confirmed!"));


        JButton btnBack = StyleUtils.createStyledButton("Back to
Home", StyleUtils.PRIMARY_COLOR);
        btnBack.setActionCommand("Home");
        btnBack.addActionListener(navigationListener);


        formPanel.add(btnBack);

        formPanel.add(btnSubmit);


        add(formPanel, BorderLayout.CENTER);
    }
}

```

3.2 HOME PAGE

```

import javax.swing.*; import
java.awt.*; import
java.awt.event.ActionListener;


public class HomePage extends JPanel { public
    HomePage(ActionListener navigationListener) {
        setLayout(new BorderLayout());
    }
}

```



```
setBackground(StyleUtils.BACKGROUND_COLOR);

// Title and Welcome Message

JLabel title = StyleUtils.createTitleLabel("<html><h1>Welcome to
Journify!</h1></html>");

JLabel welcomeMessage = new JLabel("<html><p>Discover amazing travel
experiences...</p></html>", JLabel.CENTER);
welcomeMessage.setFont(StyleUtils.SUBTITLE_FONT);
welcomeMessage.setForeground(StyleUtils.TEXT_COLOR);


JPanel welcomePanel = new JPanel(new GridLayout(2, 1));
welcomePanel.setBackground(StyleUtils.BACKGROUND_COLOR);
welcomePanel.add(title); welcomePanel.add(welcomeMessage);


add(welcomePanel, BorderLayout.NORTH);


// Featured Destinations with Full-Box Images

JPanel featuredPanel = new JPanel(new GridLayout(1, 4, 10, 10));
featuredPanel.setBackground(StyleUtils.BACKGROUND_COLOR);


// Destination information

String[] destinations = {"Paris", "Switzerland", "Goa", "Egypt"};
String[] descriptions = {
    "<html><center>Paris<br>The city of love and lights.</center></html>",
    "<html><center>Switzerland<br>Land of scenic Alps and
serenity.</center></html>",
    "<html><center>Goa<br>Beach paradise of India.</center></html>",
    "<html><center>Egypt<br>Land of ancient wonders.</center></html>"
};

String[] imagePaths = {
```

```

        "src/images/paris.jpg",
        "src/images/switzerland.jpg",
        "src/images/goa.jpg",
        "src/images/egypt.jpg"
    };

    // Adding destinations to the panel for (int
    i = 0; i < destinations.length; i++) {
        JPanel destinationPanel = new JPanel(new BorderLayout());
        destinationPanel.setBackground(Color.WHITE);

        destinationPanel.setBorder(BorderFactory.createLineBorder(StyleUtils.SECONDAR
        Y_COLOR));

        // Load and set full-box image

        FullBoxImageLabel imageLabel = new FullBoxImageLabel(new
        ImageIcon(imagePaths[i])); destinationPanel.add(imageLabel,
        BorderLayout.CENTER);

        JLabel destinationLabel = new JLabel(descriptions[i], JLabel.CENTER);
        destinationLabel.setFont(StyleUtils.SUBTITLE_FONT);
        destinationLabel.setForeground(StyleUtils.TEXT_COLOR);
        destinationPanel.add(destinationLabel, BorderLayout.SOUTH);
        featuredPanel.add(destinationPanel);
    }

    add(featuredPanel, BorderLayout.CENTER);

    // Navigation Buttons

```

```
JPanel buttonPanel = new JPanel(new FlowLayout(FlowLayout.CENTER, 15,
15));

buttonPanel.setBackground(StyleUtils.BACKGROUND_COLOR);

JButton btnTravelPackages = StyleUtils.createStyledButton("Travel Packages",
StyleUtils.PRIMARY_COLOR);

JButton btnHotelsPlaces = StyleUtils.createStyledButton("Hotels & Places",
StyleUtils.PRIMARY_COLOR);

JButton btnAboutUs = StyleUtils.createStyledButton("About Us",
StyleUtils.PRIMARY_COLOR);

JButton btnBookingForm = StyleUtils.createStyledButton("Booking Form",
StyleUtils.SECONDARY_COLOR);

JButton btnLogout = StyleUtils.createStyledButton("Logout", Color.RED);

btnTravelPackages.setActionCommand("TravelPackages");
btnHotelsPlaces.setActionCommand("HotelsPlaces");
btnAboutUs.setActionCommand("AboutUs");
btnBookingForm.setActionCommand("BookingForm");
btnLogout.setActionCommand("Logout");

btnTravelPackages.addActionListener(navigationListener);
btnHotelsPlaces.addActionListener(navigationListener);
btnAboutUs.addActionListener(navigationListener);
btnBookingForm.addActionListener(navigationListener);
btnLogout.addActionListener(navigationListener);
buttonPanel.add(btnTravelPackages); buttonPanel.add(btnHotelsPlaces);
buttonPanel.add(btnAboutUs); buttonPanel.add(btnBookingForm);
buttonPanel.add(btnLogout);

add(buttonPanel, BorderLayout.SOUTH);
}
```

```
// Custom JLabel to make the image fill the entire label box
private class FullBoxImageLabel extends JLabel { private
Image image;

    public FullBoxImageLabel(ImageIcon icon) {

        this.image = icon.getImage();

    }

    @Override protected void
    paintComponent(Graphics g) {
        super.paintComponent(g); if
        (image != null) { int width =
        getWidth(); int height =
        getHeight();

            // Draw the image scaled to fit the entire label size

            g.drawImage(image, 0, 0, width, height, this);

        }

    }

}
```

3.3 REGISTER PAGE

```
import javax.swing.*; import
java.awt.*; import
java.awt.event.ActionEvent; import
java.awt.event.ActionListener;

public class RegisterPage extends JPanel {

    private JTextField txtUsername, txtEmail;

    private JPasswordField txtPassword;
```

```

public RegisterPage(ActionListener navigationListener) {
    setLayout(new BorderLayout());
    setBackground(StyleUtils.BACKGROUND_COLOR);

    // Title and Introductory Text
    JLabel title = StyleUtils.createTitleLabel("<html><h1>Register</h1><p>Create
a new account to start your journey.</p></html>"); add(title, BorderLayout.NORTH);

    // Registration Form Panel
    JPanel formPanel = new JPanel(new GridLayout(4, 2, 10, 10));
    formPanel.setBorder(BorderFactory.createEmptyBorder(50, 100, 50, 100));
    formPanel.setBackground(Color.WHITE);

    formPanel.add(new JLabel("Username:",
JLabel.RIGHT)); txtUsername = new JTextField();
    formPanel.add(txtUsername); formPanel.add(new
JLabel("Email:", JLabel.RIGHT));
    txtEmail = new JTextField(); formPanel.add(txtEmail);
    formPanel.add(new JLabel("Password:", JLabel.RIGHT));
    txtPassword = new JPasswordField();
    formPanel.add(txtPassword);

    add(formPanel, BorderLayout.CENTER);

    // Buttons Panel
    JPanel buttonPanel = new JPanel(new FlowLayout());
    buttonPanel.setBackground(StyleUtils.BACKGROUND_COLOR);

```

```

        JButton btnRegister = StyleUtils.createStyledButton("Register",
StyleUtils.SECONDARY_COLOR); btnRegister.addActionListener(e
-> {

        // Placeholder for registration logic

        JOptionPane.showMessageDialog(this, "Registration successful! Please log
in.");

        navigationListener.actionPerformed(new ActionEvent(this,
ActionEvent.ACTION_PERFORMED, "Login"));

    });

    JButton btnBack = StyleUtils.createStyledButton("Back to
Login", StyleUtils.PRIMARY_COLOR);
    btnBack.setActionCommand("Login");
    btnBack.addActionListener(navigationListener);
    buttonPanel.add(btnRegister); buttonPanel.add(btnBack);

    add(buttonPanel, BorderLayout.SOUTH);
}

public String getUsername() {
    return txtUsername.getText();
}

public String getEmail() {
    return txtEmail.getText();
}

public String getPassword() {
    return new String(txtPassword.getPassword());
}

```

```
}
```

3.4 STYLE UNITS

```
import javax.swing.*;
```

```
import java.awt.*;
```

```
public class StyleUtils { // Common colors public static final Color
    PRIMARY_COLOR = new Color(33, 150, 243); public static final Color
    SECONDARY_COLOR = new Color(76, 175, 80); public static final Color
    BACKGROUND_COLOR = new Color(240, 240, 240); public static final Color
    TEXT_COLOR = Color.DARK_GRAY;

    // Common fonts public static final Font TITLE_FONT = new Font("Arial",
    Font.BOLD, 24); public static final Font SUBTITLE_FONT = new Font("Arial",
    Font.PLAIN, 18); public static final Font BUTTON_FONT = new Font("Arial",
    Font.BOLD, 16);

    // Styled label public static JLabel
    createTitleLabel(String text) { JLabel label = new
    JLabel(text, JLabel.CENTER);
    label.setFont(TITLE_FONT);
    label.setForeground(TEXT_COLOR); return label;
    }

    // Styled button public static JButton createStyledButton(String
    text, Color color) { JButton button = new JButton(text);
    button.setFont(BUTTON_FONT); button.setBackground(color);
    button.setForeground(Color.WHITE);
    button.setFocusPainted(false); return button;
    }
```

}

3.5 ABOUT US PAGE

```
import javax.swing.*; import
java.awt.*; import
java.awt.event.ActionListener;

public class AboutUsPage extends JPanel { public
    AboutUsPage(ActionListener navigationListener) {
        setLayout(new BorderLayout());
        setBackground(StyleUtils.BACKGROUND_COLOR);

        // Title and Introductory Text
        JLabel title = StyleUtils.createTitleLabel("<html><h1>About Us</h1><p>Learn
more about Journify and our journey.</p></html>"); add(title,
BorderLayout.NORTH);

        // Company Information Section
        JTextArea aboutUsInfo = new JTextArea( "Our
            Story:\n" +
                "Journify was founded with a mission to make travel planning
seamless and enjoyable for everyone.\n\n" +
                "Our Mission:\n" +
                "To inspire and empower people to explore the world.\n\n" +
                "Our Vision:\n" +
                "To be the go-to platform for travelers seeking authentic
experiences.\n\n" +
                "Our Core Values:\n" +
                "- Customer Focus\n" +
                "- Innovation\n" +
                "- Integrity\n" +
```

```

        "- Passion for Travel\n\n" +
        "Meet Our Team:\n" +
        "We are a team of travel enthusiasts dedicated to making your
journey memorable."

    );
    aboutUsInfo.setEditable(false);
    aboutUsInfo.setBackground(Color.WHITE);
    aboutUsInfo.setFont(StyleUtils.SUBTITLE_FONT);
    aboutUsInfo.setForeground(StyleUtils.TEXT_COLOR);
    aboutUsInfo.setBorder(BorderFactory.createEmptyBorder(20, 20, 20, 20));

    add(new JScrollPane(aboutUsInfo), BorderLayout.CENTER);

    // Back Button
    JButton btnBack = StyleUtils.createStyledButton("Back to
Home", StyleUtils.PRIMARY_COLOR);
    btnBack.setActionCommand("Home");
    btnBack.addActionListener(navigationListener);

    JPanel backPanel = new JPanel(new FlowLayout(FlowLayout.CENTER));
    backPanel.setBackground(StyleUtils.BACKGROUND_COLOR);
    backPanel.add(btnBack); add(backPanel, BorderLayout.SOUTH);
}
}

```

3.6 DATABASE CONNECTION

```

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

```

```
public class DatabaseConnection { private static final String URL =  
    "jdbc:mysql://localhost:3306/journify"; private static final String USER  
    = "root"; private static final String  
    PASSWORD = "Dhanvin@29112005";  
    // Static method to create and return a new database connection  
    public static Connection getConnection() throws SQLException {  
        return DriverManager.getConnection(URL, USER, PASSWORD);  
    }  
}
```

3.7 HOTELS PLACES PAGE

```
import javax.swing.*; import java.awt.*; import
java.awt.event.ActionListener; public class
HotelsPlacesPage extends JPanel { public
HotelsPlacesPage(ActionListener navigationListener) { setLayout(new
BorderLayout());
setBackground(StyleUtils.BACKGROUND_COLOR);

// Title
JLabel title = StyleUtils.createTitleLabel("<html><h1>Hotels &
Places</h1><p>Discover popular hotels and places to visit.</p></html>");
add(title, BorderLayout.NORTH);

// Hotels and Places Information
JPanel hotelsPanel = new JPanel(new GridLayout(3, 1, 10, 10));
hotelsPanel.setBackground(StyleUtils.BACKGROUND_COLOR);

String[] hotels = {"The Ritz, Paris", "Swiss Alps", "Taj Mahal"};
String[] details = {"5 Stars - Paris", "Scenic Beauty - Switzerland", "7 Wonders -
India"}; for (int i = 0; i < hotels.length; i++) {
JPanel hotelPanel = new JPanel(new BorderLayout());
hotelPanel.setBackground(Color.WHITE);

hotelPanel.setBorder(BorderFactory.createLineBorder(StyleUtils.SECONDARY_CO
LOR));

JLabel hotelLabel = new JLabel("<html><center>" + hotels[i] + "<br>" +
details[i] + "</center></html>", JLabel.CENTER);
hotelLabel.setFont(StyleUtils.SUBTITLE_FONT);
hotelLabel.setForeground(StyleUtils.TEXT_COLOR);
```

```

        JButton btnView = StyleUtils.createStyledButton("View Details",
StyleUtils.SECONDARY_COLOR); btnView.setActionCommand("Hotel"
+ i); btnView.addActionListener(navigationListener);
hotelPanel.add(hotelLabel, BorderLayout.CENTER);
hotelPanel.add(btnView, BorderLayout.SOUTH);
hotelsPanel.add(hotelPanel);
    }

```

```

add(hotelsPanel, BorderLayout.CENTER);

```

```

// Back Button

```

```

        JButton btnBack = StyleUtils.createStyledButton("Back to
Home", StyleUtils.PRIMARY_COLOR);
btnBack.setActionCommand("Home");
btnBack.addActionListener(navigationListener);

        JPanel backPanel = new JPanel(new FlowLayout(FlowLayout.CENTER));
        backPanel.setBackground(StyleUtils.BACKGROUND_COLOR);
        backPanel.add(btnBack); add(backPanel, BorderLayout.SOUTH);
    }
}

```

3.8 JOURNIFY APP import

```

javax.swing.*; import java.awt.*; import
java.awt.event.ActionEvent; import
java.awt.event.ActionListener;

```

```

public class JournifyApp extends JFrame implements ActionListener { private
    CardLayout cardLayout;
    private JPanel mainPanel;

```

```

public JournifyApp() { setTitle("Journify - Live The Journey");
    setSize(800, 600);
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    setLocationRelativeTo(null);

    // Initialize CardLayout for switching pages
    cardLayout = new CardLayout();
    mainPanel = new JPanel(cardLayout);

    // Create and add pages to the CardLayout
    mainPanel.add(new LoginPage(this), "Login");
    mainPanel.add(new RegisterPage(this), "Register");
    mainPanel.add(new HomePage(this), "Home");
    mainPanel.add(new TravelPackagesPage(this), "TravelPackages");
    mainPanel.add(new HotelsPlacesPage(this), "HotelsPlaces");
    mainPanel.add(new AboutUsPage(this), "AboutUs");
    mainPanel.add(new BookingFormPage(this), "BookingForm");

    // Show the login page first
    cardLayout.show(mainPanel, "Login");

    add(mainPanel);

    setVisible(true);
}

@Override public void
actionPerformed(ActionEvent e) { String
command = e.getActionCommand();

```

```

if (command.equals("Login")) {
    cardLayout.show(mainPanel, "Home");
} else if (command.equals("Register")) {
    cardLayout.show(mainPanel, "Register");
} else if (command.equals("Home")) {
    cardLayout.show(mainPanel, "Home");
} else if (command.equals("TravelPackages")) {
    cardLayout.show(mainPanel, "TravelPackages");
} else if (command.equals("HotelsPlaces")) {
    cardLayout.show(mainPanel, "HotelsPlaces");
} else if (command.equals("AboutUs")) {
    cardLayout.show(mainPanel, "AboutUs");
} else if (command.equals("BookingForm")) { cardLayout.show(mainPanel,
    "BookingForm"); // Show Booking Form when "Book

```

Now" is clicked

```

    } else if (command.equals("Logout")) {
        cardLayout.show(mainPanel, "Login");
    }
}

public static void main(String[] args) {
    SwingUtilities.invokeLater(JournifyApp::new);
}
}

```

3.8 LOGIN PAGE

```

import javax.swing.*; import
java.awt.*; import

```

```

java.awt.event.ActionEvent; import
java.awt.event.ActionListener;

public class LoginPage extends JPanel {
    private JTextField txtUsername; private
    JPasswordField txtPassword;

    public LoginPage(ActionListener navigationListener) {
        setLayout(new BorderLayout());
        setBackground(StyleUtils.BACKGROUND_COLOR);

        // Title and Introduction
        JLabel title = StyleUtils.createTitleLabel("<html><h1>Login</h1><p>Welcome
back! Please log in to continue.</p></html>"); add(title, BorderLayout.NORTH);

        // Login Form Panel
        JPanel formPanel = new JPanel(new GridLayout(3, 2, 10, 10));
        formPanel.setBorder(BorderFactory.createEmptyBorder(50, 100, 50, 100));
        formPanel.setBackground(Color.WHITE);

        JLabel lblUsername = new JLabel("Username:", JLabel.RIGHT);
        lblUsername.setFont(StyleUtils.SUBTITLE_FONT);
        lblUsername.setForeground(StyleUtils.TEXT_COLOR); txtUsername
        = new JTextField(); formPanel.add(lblUsername);
        formPanel.add(txtUsername);

        JLabel lblPassword = new JLabel("Password:", JLabel.RIGHT);
        lblPassword.setFont(StyleUtils.SUBTITLE_FONT);
        lblPassword.setForeground(StyleUtils.TEXT_COLOR); txtPassword = new
        JPasswordField();

```



```

formPanel.add(lblPassword); formPanel.add(txtPassword);

add(formPanel, BorderLayout.CENTER);

// Buttons Panel
JPanel buttonPanel = new JPanel(new FlowLayout());
buttonPanel.setBackground(StyleUtils.BACKGROUND_COLOR);

JButton btnLogin = StyleUtils.createStyledButton("Login",
StyleUtils.SECONDARY_COLOR);
btnLogin.setActionCommand("Login"); btnLogin.addActionListener(e -> {
    // Placeholder for login authentication
    JOptionPane.showMessageDialog(this, "Logged in successfully!");
    navigationListener.actionPerformed(new ActionEvent(this,
ActionEvent.ACTION_PERFORMED, "Home"));
});

JButton btnRegister = StyleUtils.createStyledButton("Register",
StyleUtils.PRIMARY_COLOR);
btnRegister.setActionCommand("Register");
btnRegister.addActionListener(navigationListener);

buttonPanel.add(btnLogin);
buttonPanel.add(btnRegister); add(buttonPanel,
BorderLayout.SOUTH);
}

public String getUsername() { return
txtUsername.getText();

```

```
}
```

```
public String getPassword() {
```

```
    return new String(txtPassword.getPassword());
```

```
}
```

```
}
```

3.9 TRAVEL PACKAGE PAGE

```
import javax.swing.*; import java.awt.*; import
java.awt.event.ActionListener; public class
TravelPackagesPage extends JPanel { public
    TravelPackagesPage(ActionListener navigationListener) { setLayout(new
        BorderLayout());
        setBackground(StyleUtils.BACKGROUND_COLOR);

        // Title
        JLabel title = StyleUtils.createTitleLabel("<html><h1>Travel
        Packages</h1><p>Explore our exclusive packages.</p></html>");
        add(title, BorderLayout.NORTH);

        // Travel Package Information
        JPanel packagesPanel = new JPanel(new GridLayout(3, 1, 10, 10));
        packagesPanel.setBackground(StyleUtils.BACKGROUND_COLOR);
        String[] packages = {"Paris Getaway", "Swiss Alps Adventure", "Goa Retreat"};
        String[] details = {"5 Days - ₹102000", "7 Days - ₹152000", "4 Days - ₹76000"};

        for (int i = 0; i < packages.length; i++) {
            JPanel packagePanel = new JPanel(new BorderLayout());
            packagePanel.setBackground(Color.WHITE);

            packagePanel.setBorder(BorderFactory.createLineBorder(StyleUtils.SECONDARY_
            COLOR));

            JLabel packageLabel = new JLabel("<html><center>" + packages[i] + "<br>"
```

```

+ details[i] + "</center></html>", JLabel.CENTER);
packageLabel.setFont(StyleUtils.SUBTITLE_FONT);
packageLabel.setForeground(StyleUtils.TEXT_COLOR);

        JButton btnBook = StyleUtils.createStyledButton("Book Now",
StyleUtils.SECONDARY_COLOR); btnBook.setActionCommand("BookingForm");

        // Set the ActionCommand to open
BookingFormPage

btnBook.addActionListener(navigationListener);

        packagePanel.add(packageLabel, BorderLayout.CENTER);
        packagePanel.add(btnBook, BorderLayout.SOUTH);
        packagesPanel.add(packagePanel);
    }

    add(packagesPanel, BorderLayout.CENTER);

    // Back Button
    JButton btnBack = StyleUtils.createStyledButton("Back to
Home", StyleUtils.PRIMARY_COLOR);
    btnBack.setActionCommand("Home");
    btnBack.addActionListener(navigationListener);

    JPanel backPanel = new JPanel(new FlowLayout(FlowLayout.CENTER));
    backPanel.setBackground(StyleUtils.BACKGROUND_COLOR);
    backPanel.add(btnBack);

    add(backPanel, BorderLayout.SOUTH);
}

```

4 SNAPSHOTS

4.1 LOGIN PAGE

Journify - Live The Journey

Login
Welcome back! Please log in to continue.

Username:


Password:

[Login](#) [Register](#)

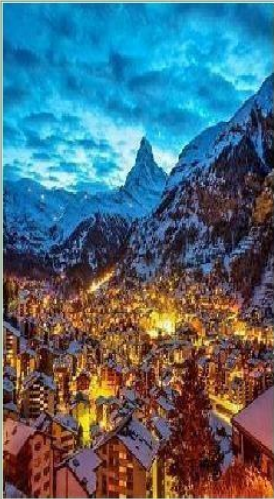
4.2 MAIN PAGE

Journify - Live The Journey

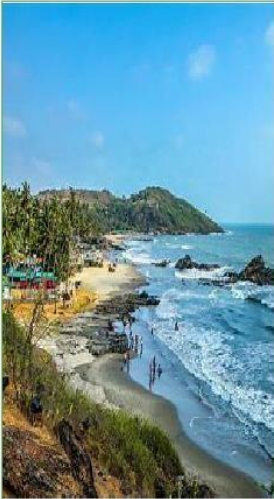
Welcome to Journify!
Discover amazing travel experiences...




Paris
The city of love and lights.



Switzerland
Land of scenic Alps and serenity.




Goa
Beach paradise of India.



Egypt
Land of ancient wonders.

[Travel Packages](#) [Hotels & Places](#) [About Us](#) [Booking Form](#) [Logout](#)

4.3 TRAVEL PACKAGES

 Journify - Live The Journey

Travel Packages
Explore our exclusive packages.

Paris Getaway
5 Days - ₹102000

Book Now

Swiss Alps Adventure
7 Days - ₹152000


Book Now

Goa Retreat
4 Days - ₹76000

Book Now

Back to Home

4.4 HOTELS AND PLACES

 Journify - Live The Journey

Hotels & Places
Discover popular hotels and places to visit.

The Ritz, Paris
5 Stars - Paris

View Details

Swiss Alps
Scenic Beauty - Switzerland

View Details

Taj Mahal
7 Wonders - India

View Details

Back to Home

4.5 BOOKING FORM

Journify - Live The Journey

Booking Form

Complete your booking details below.

Full Name:

Email:

Phone:

Travel Package:

Paris Getaway

Booking Date (YYYY-MM-DD):

Back to Home

Submit Booking

4.6 CONFIRMATION

Journify - Live The Journey

Booking Form

Complete your booking details below.

Full Name:

Email:

Travel Package:

Paris Getaway

Booking Date (YYYY-MM-DD):

Back to Home

Submit Booking

Message

Booking Confirmed!

OK

CONCLUSION:

The travel app simplifies trip planning by offering seamless hotel bookings and curated travel packages. With user-friendly features and personalized options, it ensures a convenient and efficient travel experience, paving the way for future growth and enhancements.