JOURNIFY

MINI PROJECT BY

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An Autonomous Institute

CHENNAI

BONAFIDE CERTIFICATE

Certified that this project "JOURNIFY" is the bonafide work of "Kanimozhi R and Krithika A" who carried out the project work under my supervision.

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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 budget-friendly 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

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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

```java
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);
```

```java
        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

```java
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);
```

```java
        // 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",
```

```java
        "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",
```

```java
        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;
```

```java
        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

```java
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);
```

```java
// 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
```

```java
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

```java
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

```java
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";
```

```java
    // 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

```java
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;
```

```java
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");
```

```java
        } 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

```java
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);
```

```java
        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();
```
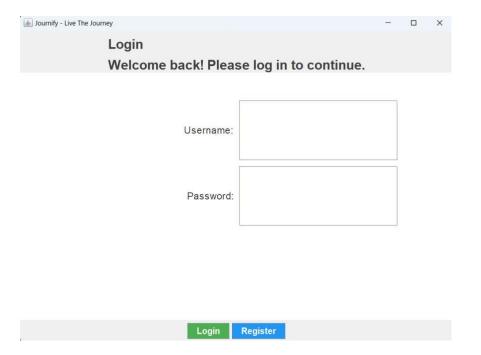
```java
    }

    public String getPassword() {
        return new String(txtPassword.getPassword());
    }
}
```
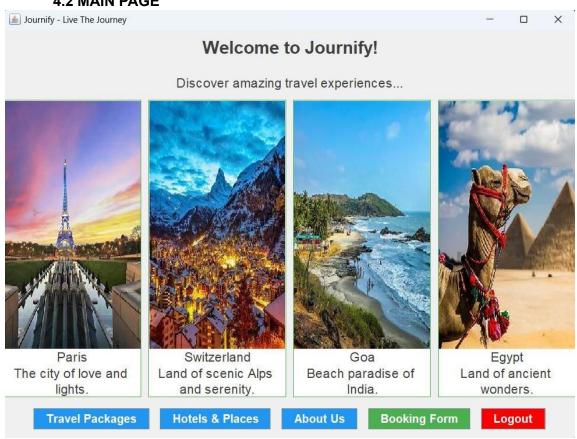
3.9 TRAVEL PACKAGE PAGE

```java
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

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

Booking Form
Complete your booking details below.

Full Name:

Email:

Message

(i) Booking Confirmed!

OK

Travel Package: Paris Getaway

Booking Date (YYYY-MM-DD):

Back to Home   Submit Booking

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.