JOURNIFY

MINI PROJECT BY

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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 "KAVIYA V and JANIT B" who carried out the project work under my supervision.

Submitted	for the	practical	examination	held	on

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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 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 Al-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

```
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>Complete your booking details below.</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>Discover amazing travel
experiences...</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/>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.drawlmage(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>Create
a new account to start your journey.</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>Learn
more about Journify and our journey.</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>Discover popular hotels and places to visit.</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
                                   first
                           page
  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>Welcome
back! Please log in to continue.</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>Explore our exclusive packages.</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

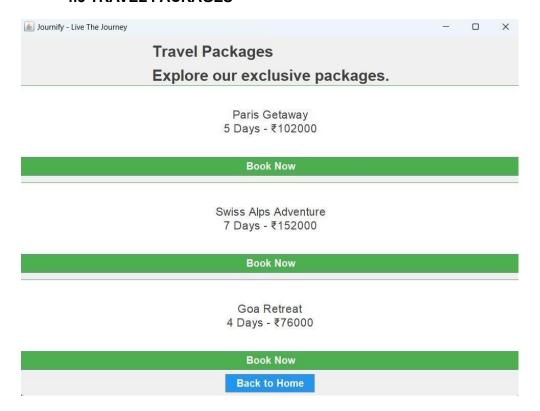
4.1 LOGIN PAGE

■ Journify - Live The Journey		×
Login		
Welcome back! Please log in to continue.		
•		
Username:		
Osemanie.		
Password:		
Login Register		

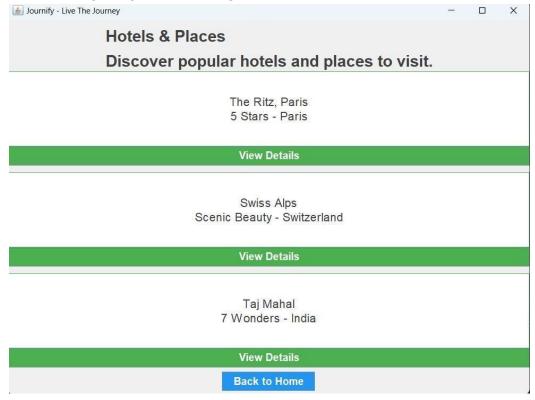
4.2 MAIN PAGE



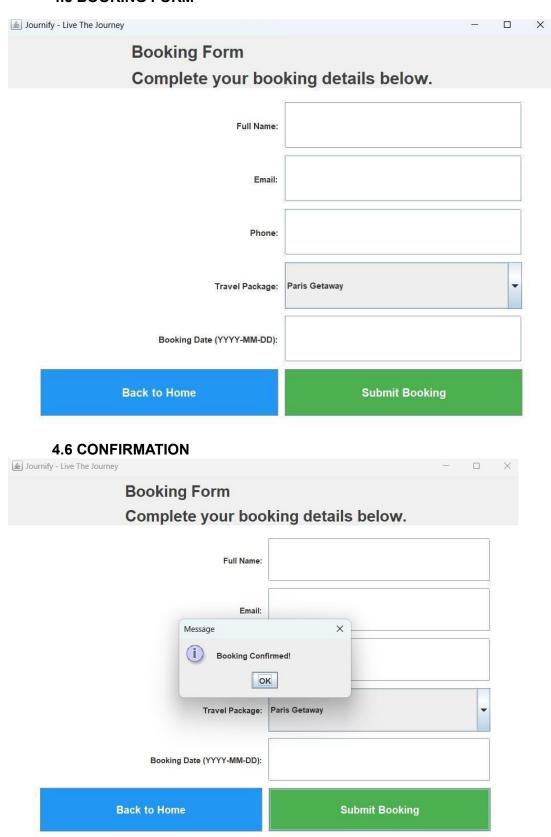
4.3 TRAVEL PACKAGES



4.4 HOTELS AND PLACES



4.5 BOOKING FORM



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.