CHAPTER-I

INTRODUCTION

1.1 OVERVIEW

The Tourism Management System (TMS) is a comprehensive digital solution aimed at revolutionizing the way travel and tourism businesses operate. By integrating various critical functions such as booking, itinerary planning, customer relationship management, and resource allocation into a single platform, the system is designed to enhance operational efficiency and improve user experience across the travel industry.

1.2 ABOUT THE PROJECT:

The project entails the development of a robust and scalable Tourism Management System that caters to the needs of travel agencies, tour operators, and destination management organizations. Using modern web technologies and advanced programming frameworks, the system provides a seamless interface for managing tourism-related activities. It facilitates improved service delivery by automating processes and offering tools for comprehensive management of travel products and customer interactions

1.3 PURPOSE:

The primary purpose of the TMS is to streamline the complex processes associated with the tourism industry. This includes simplifying the booking process, customizing travel planning, efficiently managing customer data, and optimizing resource usage. The system aims to enhance customer satisfaction by providing personalized services and to support business growth through data-driven decision-making and marketing strategies

1.4 SCOPE:

The scope of the TMS project encompasses the design and implementation of multiple interconnected modules that support the entire lifecycle of travel management activities. It includes the development of a user-friendly interface for both customers and service providers, backend systems for managing data and operations, and integration capabilities with external systems such as airline and hotel booking services. The system is intended for global use, accommodating various currencies, languages, and regional compliance requirements

1.5 FUNCTIONAL COMPONENTS OF THE PROJECT:

The functional components of the Tourism Management System project are designed to address various aspects of the travel industry's operational needs. The Booking Engine automates the reservation process for flights, hotels, and tours, offering real-time updates on availability and pricing. The Itinerary Planner leverages artificial intelligence to create personalized travel plans based on individual user preferences. Customer Management is crucial for building detailed customer profiles, which help in customizing services and marketing efforts. Inventory Management keeps track of the availability of various travel services, helping prevent issues like overbooking or resource wastage. Reporting and Analytics provide valuable insights into business performance, customer behaviour, and financial health, enabling data-driven decision-making. Together, these components ensure a comprehensive approach to managing tourism services, enhancing both operational efficiency and customer satisfaction

1.6 MORE FUNCTIONALITY CAN BE ADDED TO "ENHANCE THE PROJECT":

To enhance the functionality of the Tourism Management System, several innovative features can be integrated. First, mobile compatibility ensures that the platform is accessible on smartphones and tablets, greatly improving accessibility and convenience for users on the move. Virtual reality tours could be added to give users a virtual preview of destinations and accommodations, aiding them in making informed decisions.

Additionally, incorporating chatbots and AI support can significantly boost customer service efficiency, providing instant responses to user inquiries around the clock. Dynamic pricing tools, powered by AI, can dynamically adjust prices based on demand, competition, and other market factors, helping maximize revenue. trend towards sustainable tourism. These enhancements not only.

CHAPTER- 2

SYSTEM ANALYSIS

2.1 PRESENT SYSTEM

The current system utilized in the tourism industry typically involves a mix of standalone applications and manual processes to manage various facets of travel planning and customer management. This system often lacks integration, leading to disjointed data flows and inefficiencies in booking, customer service, and inventory management. The reliance on manual inputs increases the likelihood of errors and limits the ability to analyse data effectively, resulting in suboptimal operational performance and customer satisfaction

2.2 PROPOSED SYSTEM

The proposed Tourism Management System is a unified platform designed to integrate all essential components, including booking engines, itinerary planning, customer management, and inventory control, into a single, seamless system. This digital solution will use state-of the-art technology to automate and streamline operations, providing real-time data and analytics to enhance decision-making processes. The inclusion of mobile compatibility, AI driven tools, and sustainability tracking will modernize the current approach, making the system more robust and adaptive to changing market dynamics

2.3 Tourism management system can be used extensively

The Tourism Management System offers extensive utility across diverse sectors within the tourism industry. Travel agencies and tour operators benefit from streamlined booking processes and personalized itinerary planning, while hotels and accommodation providers enhance guest experiences with seamless reservations and tailored services. Destination Management Organizations (DMOs) utilize the system to promote local attractions and gather data for strategic planning. Transportation services ensure smoother travel experiences with integrated ticket bookings and schedule management. Tourist attractions and activities optimize visitor flow and enhance safety measures. Additionally, travel technology companies can offer the system as a customizable solution, catering to the specific needs of various stakeholders. In essence, the Tourism Management System serves as a versatile tool driving operational efficiency, customer satisfaction, and sustainable growth across the tourism landscape

CHAPTER 3

FEASIBILITY REPORT

3.1 TECHNICAL FEASIBILITY:

Technical feasibility evaluates whether the proposed system can be successfully developed and implemented using available technology and resources. This includes assessing hardware and software requirements, compatibility with existing systems, and the availability of skilled personnel to develop and maintain the system.

3.2 BEHAVIOURAL FEASIBILITY:

Behavioral feasibility focuses on understanding how stakeholders, including employees and customers, will respond to the new system. It involves assessing factors such as user acceptance, training needs, and potential resistance to change. Understanding behavioural feasibility is essential for ensuring smooth adoption and integration of the system into daily operations

3.3 ECONOMICAL FEASIBILITY:

Economic feasibility examines the financial aspects of implementing the Tourism Management System, including development costs, operational expenses, and potential return on investment. It involves conducting cost-benefit analysis, estimating the financial benefits of the system in terms of increased revenue, cost savings, and improved efficiency, compared to the investment required for development and maintenance.

These feasibility analyses provide valuable insights into the practicality and viability of implementing the Tourism Management System, helping stakeholders make informed decisions regarding its development and deployment

CHAPTER- 4

SOFTWARE

REQUIREMENT & SPECIFICATION

SOFTWARE REQUIRED:

The project is implemented in Java as it provides the implementation of Socket and Server Socket classes that are used to connect distinct applications, hence the software's required in the creation and execution of the project are j2sdk1.7 or Eclipse. As we know JAVA is a platform independent

language so this software runs with JRE environment on any desired platform i.e. Linux, windows 9x, XP, or 2000 or any operating system.

HARDWARE REQUIRED:

It's hardware requirements are minimal. Any System with Pentium P2 or above processor, 32MB RAM, 1GB Hard Disk, a LAN Card, and a CDROM is sufficient. Its network-based software so computers connected with any kind of mode (wireless, LAN connected etc) will suit its requirements. It can also be run on a single machine for its demo use. Best suited in laboratory where we can run its server on any machine and many clients can use it simultaneously

Software Analysis Report

ABOUT JAVA

PLATFORM INDEPENDENT:

The concept of Write-once-run-anywhere (known as the Platform independent) is one of the important key features of java language that makes java as the most powerful language. Not even a single language is idle to this feature but java is closer to this feature. The programs written on one platform can run on any platform provided the platform must have the JVM.

OBJECT ORIENTED:

To be an Object-Oriented language, any language must follow at least the four characteristics.

- **Inheritance:** It is the process of creating the new classes and using the behaviour of the existing classes by extending them just to reuse the existing code and adding the additional features as needed.

- **Encapsulation:** It is the mechanism of combining the information and providing the abstraction.

- **Polymorphism**: As the name suggest one name multiple form, Polymorphism is the way of providing the different functionality by the functions having the same name based on the signatures of the methods.

- **Dynamic binding**: Sometimes we don't have the knowledge of objects about their specific types while writing our code. It is the way of providing the maximum functionality to a program about the specific type at runtime. .

TECHNOLOGIES AND REQURIMENTS

IDE:

My Eclipse

Front End:

JSP, JDBC, HTML-5, CSS-3, Bootstrap, Tailwind JavaScript.

Programming Language:

JAVA

Back End: MySQL

CHAPTER- 5

SYSTEM DESIGN

5.1 INTRODUCTION:

System design is the bridge between software requirements and the implementation that satisfies those requirements. It can be defined as the process of applying various techniques and principles for the purposes of defining a device, a processor, or a system in sufficient detail to prevent its physical realization. During the preliminary design phase, the requirements are transformed into software architecture, and during the detail design phase, the main focus is on the refinement of the architectural

representation that leads to algorithmic representations for software. The techniques used for this project development are structured design and integrated top-down design. Program structure is prepared which defines control hierarchy without regard to the sequence of processing and decision-making. It focuses on the processing and sequence of events, exact decision points, and repetitive operations. During design, functional independence is achieved by developing modules with a single-minded function and an aversion to excessive interactions with other modules.

5.2 E – R DIAGRAMS:

- The relation upon the system is structure through a conceptual ER-Diagram, which not only specifics the existential entities but also the standard relations through which the system exists and the cardinalities that are necessary for the system state to continue.

- The entity Relationship Diagram (ERD) depicts the relationship between the data objects. The ERD is the notation that is used to conduct the date modelling activity the attributes of each data object noted is the ERD can be described resign a data object description.

- The set of primary components that are identified by the ERD are

- ☐ Data object   ☐ Relationships

  ☐ Attributes   ☐ Various types of indicators.

The primary purpose of the ERD is to represent data objects and their relationships.

5.3 DATA FLOW DIAGRAMS:

A data flow diagram is graphical tool used to describe and analyse movement of data through a system. These are the central tool and the basis from which the other components are developed. The transformation of data from input to output, through processed, may be described logically and independently of physical components associated with the system. These are known as the logical data flow diagrams. The physical data flow diagrams show the actual implements and movement of data between people, departments and workstations. A full description of a system actually consists of a set of data flow diagrams. Using two familiar notations Yourdon, Gane and Sarson notation develops the data flow diagrams. Each component in a DFD is labelled with a descriptive name. Process is further identified with a number that will be used for identification purpose. The development of DFD'S is done in several levels. Each process in lower-level diagrams can be broken down into a more detailed DFD in the next level. The lop-level diagram is often called context diagram. It consists a single process bit, which plays vital role in studying the current

system. The process in the context level diagram is exploded into other process at the first level DFD.

User Module Process Flow:

1. User Registration:

- **Access Registration Page**: User fills out the required information.

- **Validation**: System checks data and duplicates.

- **Storage**: Valid data is stored, user is registered.

- **Confirmation**: User receives a registration confirmation.

2. User Login:

- **Access Login Page**: User enters credentials.

- **Verification**: System checks credentials against stored data.

- **Authentication**: User is granted access.

- **Redirection**: User is redirected to the dashboard.

3. View Destinations:

- **Access Destinations Page**: System retrieves and displays destination data.

- **Browsing**: User browses, views details, images, and reviews.

- **Selection**: User selects a destination for more information or booking.

4. View Packages:

- **Access Packages Section**: System fetches and displays package data.

- **Exploration**: User explores packages, details, itineraries, and pricing.

- **Selection**: User selects a package for more information or booking.

5. Book Vacations:

- **Select and Book**: User selects a destination/package and clicks "Book Now".

- **Provide Details**: User fills booking form with dates, travellers, and preferences.

- **Confirmation**: User receives booking confirmation.

6. Contact Admin for Support:

- **Access Support Page**: User fills out a support request form.

- **Log and Notify**: System logs request and notifies admin..

Admin Module Process Flow:

1. Admin Login:

- **Access Login Page**: Admin enters credentials.

- **Validation**: System validates credentials.

- **Authentication**: Admin is granted access.

- **Redirection**: Admin is redirected to the dashboard.

2. Manage Users (CRUD Operations):

- **Access User Management**: System displays user data.

- **Perform CRUD**: Admin can create, read, update, and delete user accounts.

3. Manage Bookings (CRUD Operations):

- **Access Booking Management**: System displays booking data.

- **Perform CRUD**: Admin can view, modify, or cancel bookings.

- **Generate Reports**: Admin can track trends, revenue, and performance.

4. Handle User Support Requests:

- **Receive Notifications**: Admin gets notifications for new support requests.

- **Access Support Management**: System displays pending requests.

- **Prioritize and Assign**: Admin prioritizes and assigns requests.

- **Respond**: Admin provides timely responses.

Flow Chart:
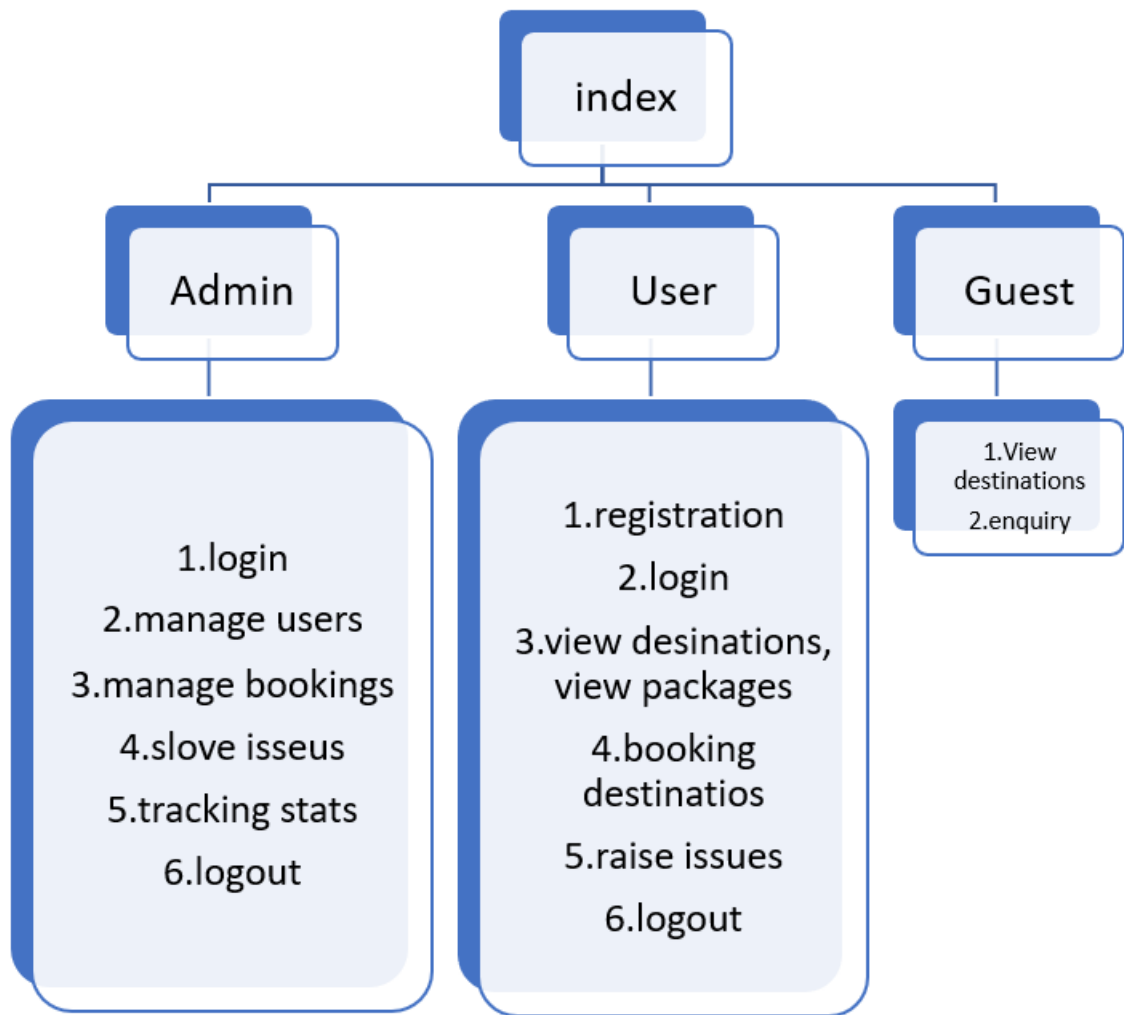
Use Case Diagram :
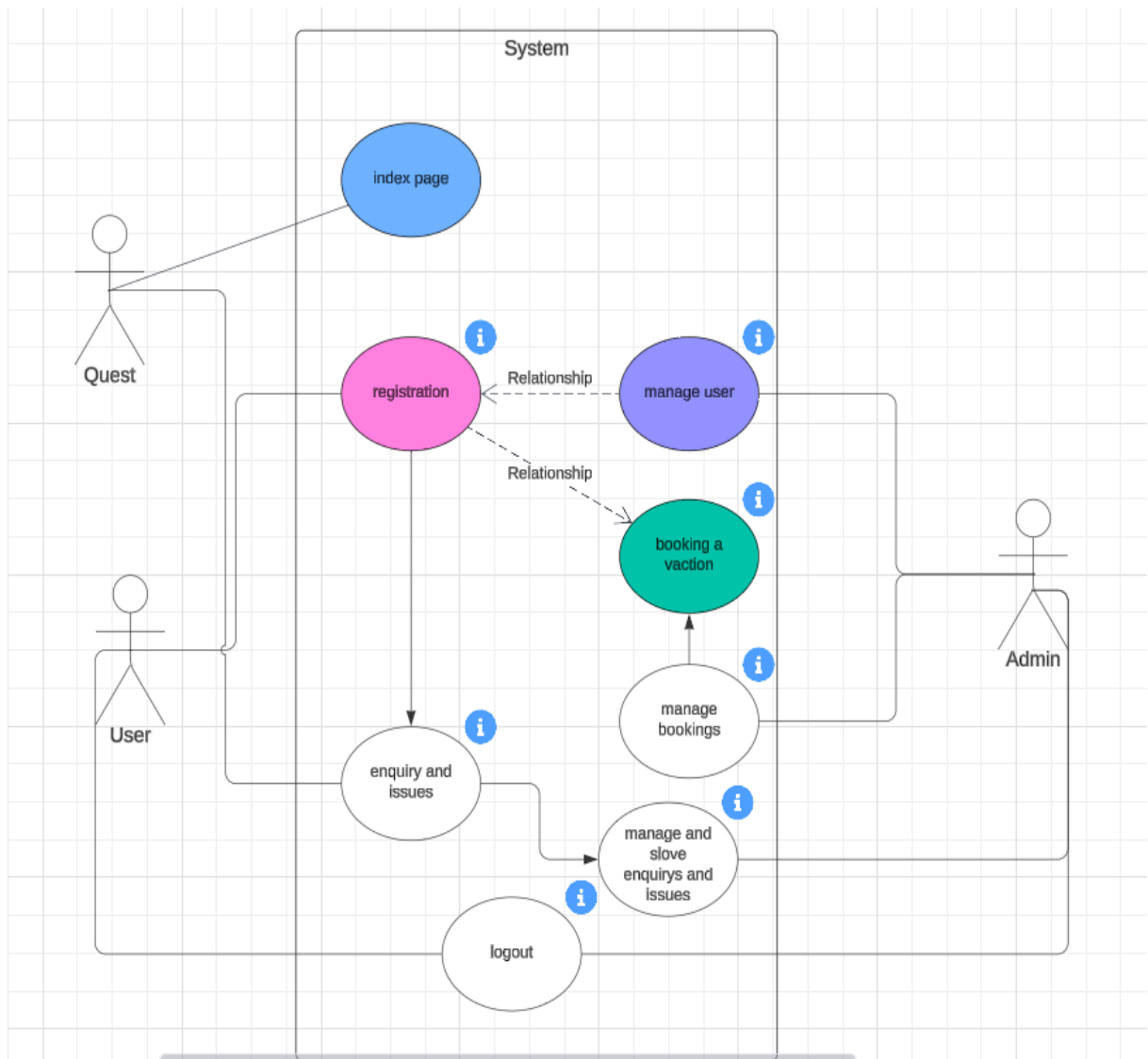
Use Case Information

1. **User Registration**: User fills form, system validates, stores data, and sends confirmation.

2. **User Login**: User enters credentials, system verifies, authenticates, and redirects to dashboard.

3. **View Destinations**: User navigates, system retrieves and displays destination data for browsing.

4. **View Packages**: User explores packages, system fetches and displays package details.

5. **Book Vacations**: User selects and books, system processes payment and confirms booking.

6. **Contact Admin**: User submits support request, system logs and notifies admin.

7. **Admin Login**: Admin enters credentials, system validates and redirects to dashboard.

8. **Manage Users**: Admin performs CRUD operations on user accounts.

9. **Manage Bookings**: Admin manages bookings, system updates data and generates reports.

10. **Handle Support Requests**: Admin receives, prioritizes, and responds to support requests.

User data Flow Diagram
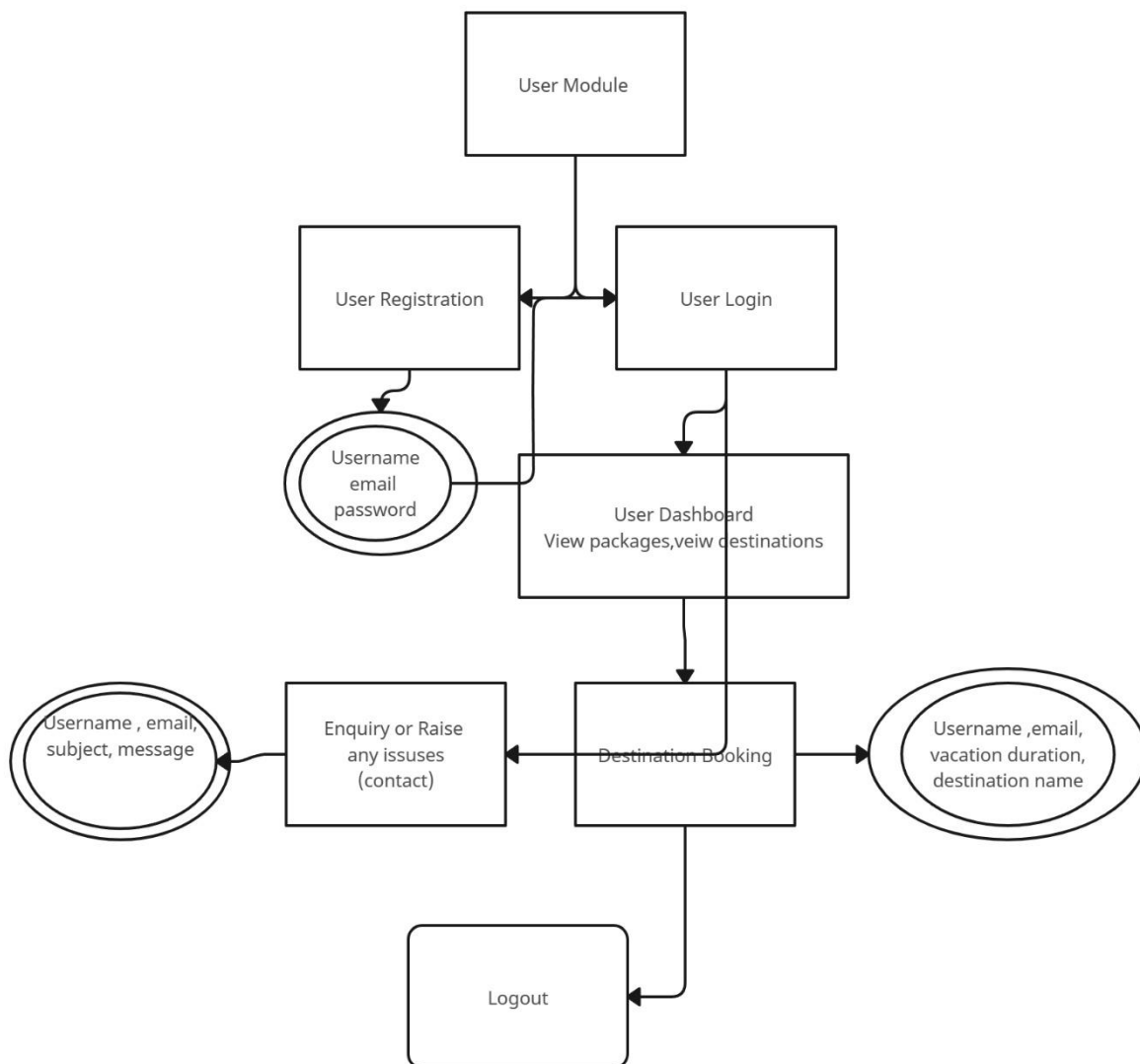
CHAPTER-6
CODING

Summary About Coding Part:

Front-end :

1. Homepage (index.jsp)
   - About
   - Destinations
   - Packages
   - Contact

2.Sign Up: User Sign up

3.Sign In: User Sign in, Admin Sign in

   - User Dashboard:
   - View Destinations
   - Vacation Booking

Back-end

Index.jsp :

```html
<div class="container-fluid bg-light pt-3 d-none d-lg-block">
    <div class="container">
        <div class="row">
            <div class="col-lg-6 text-center text-lg-left mb-2 mb-lg-0">
                <div class="d-inline-flex align-items-center">
                    <p><i class="fa fa-envelope mr-2"></i>info@example.com</p>
                    <p class="text-body px-3">|</p>
                    <p><i class="fa fa-phone-alt mr-2"></i>+012 345 6789</p>
                </div>
            </div>
            <div class="col-lg-6 text-center text-lg-right">
                <div class="d-inline-flex align-items-center">
                    <a class="text-primary px-3" href="#"><i class="fab fa-facebook-f"></i></a>
                    <a class="text-primary px-3" href="#"><i class="fab fa-twitter"></i></a>
                    <a class="text-primary px-3" href="#"><i class="fab fa-linkedin-in"></i></a>
```

```html
                            <a class="text-primary px-3" href="#"><i
class="fab fa-instagram"></i></a>
                            <a class="text-primary pl-3" href="#"><i
class="fab fa-youtube"></i></a>
                        </div>
                    </div>
                </div>
            </div>
        </div>

        <!-- Navbar Start -->
        <div class="container-fluid position-relative nav-bar p-0">
            <div class="container-lg position-relative p-0 px-lg-3" style="z-
index: 9;">
                <nav class="navbar navbar-expand-lg bg-light navbar-light
shadow-lg py-3 py-lg-0 pl-3 pl-lg-5">
                    <a href="#" class="navbar-brand">
                        <h1 class="m-0 text-primary"><span class="text-
dark">TRAVEL</span>ER</h1>
                    </a>
                    <button type="button" class="navbar-toggler" data-
toggle="collapse" data-target="#navbarCollapse">
                        <span class="navbar-toggler-icon"></span>
                    </button>
                    <div class="collapse navbar-collapse justify-content-
between px-3" id="navbarCollapse">
                        <div class="navbar-nav ml-auto py-0">
                            <a href="index.jsp" class="nav-item nav-link
active">Home</a>
                            <a href="about.jsp" class="nav-item nav-
link">About</a>
                            <a href="package.jsp" class="nav-item nav-
link">Tour Packages</a>
                            <a href="blog.jsp" class="nav-item nav-
link">Blog</a>
                            <div class="nav-item dropdown">
                                <a href="#" class="nav-link dropdown-toggle"
data-toggle="dropdown">Login</a>
                                <div class="dropdown-menu border-0 rounded-0
m-0 dropdown-menu-right animated fadeInDown">
                                    <a href="login.jsp" class="dropdown-
item">Users</a>
                                    <a href="admin.jsp" class="dropdown-
item">Administrator</a>
                                </div>
                            </div>
                            <a href="contact.jsp" class="nav-item nav-
link">Contact</a>
                            <a href="signup.jsp" class="nav-item nav-
link">Sign Up</a>
```

```
                    </div>
                </div>
            </nav>
        </div>
    </div>
```

loginServlet.java :

```java
@WebServlet("/login")
public class LoginServlet extends HttpServlet {
    private static final long serialVersionUID = 1L;

    protected void doPost(HttpServletRequest request, HttpServletResponse
response)
            throws ServletException, IOException {
        // Extract form data
        String username = request.getParameter("username");
        String password = request.getParameter("password");

        // Authenticate user
        boolean isAuthenticated = authenticateUser(username, password);
            response.setContentType("text/html");
private boolean authenticateUser(String username, String password) {
        // Database credentials
        String jdbcUrl = "jdbc:mysql://localhost:3306/tis";
        String dbUsername = "root";
        String dbPassword = "root";

        try {
            // Load the MySQL JDBC driver
            Class.forName("com.mysql.cj.jdbc.Driver");

            // Connect to the database
            Connection connection = DriverManager.getConnection(jdbcUrl,
dbUsername, dbPassword);

            // Prepare the SQL statement
            String sql = "SELECT * FROM users WHERE username = ? AND
password = ?";
            PreparedStatement statement =
connection.prepareStatement(sql);
            statement.setString(1, username);
            statement.setString(2, password);

            // Execute the query
            ResultSet resultSet = statement.executeQuery();

            // Check if a row is returned
            if (resultSet.next()) {
                // User is authenticated
                statement.close();
```

```java
                connection.close();
                return true;
            }
            // User authentication failed
            statement.close();
            connection.close();
            return false;
        } catch (Exception e) {
            e.printStackTrace();
            // Handle exceptions
            return false;
        }
    }
}
```

SignupServlet.java :

```java
@WebServlet("/signin")
public class SignUpServlet extends HttpServlet {
    private static final long serialVersionUID = 1L;

    protected void doPost(HttpServletRequest request, HttpServletResponse response)
            throws ServletException, IOException {
        // Extract form data
        String username = request.getParameter("username");
        String email = request.getParameter("email");
        String password = request.getParameter("password");

        response.setContentType("text/html");
        try (PrintWriter out = response.getWriter()) {
            // Load the MySQL JDBC driver
            Class.forName("com.mysql.cj.jdbc.Driver");

            // Connect to the database
            String jdbcUrl = "jdbc:mysql://localhost:3306/tis";
            String dbUsername = "root";
            String dbPassword = "root";
            try (Connection connection =
DriverManager.getConnection(jdbcUrl, dbUsername, dbPassword)) {
                // Prepare the SQL statement
                String sql = "INSERT INTO users (username, email,
password) VALUES (?, ?, ?)";
                try (PreparedStatement statement =
connection.prepareStatement(sql)) {
                    statement.setString(1, username);
                    statement.setString(2, email);
                    statement.setString(3, password);

                    // Execute the statement
```

```
                statement.executeUpdate();
            }
        }
```

UserDashboard.jsp:

```html
<body>
  <div class="container-fluid bg-light pt-3 d-none d-lg-block">
        <div class="container">
            <div class="row">
                <div class="col-lg-6 text-center text-lg-left mb-2 mb-lg-0">
                    <div class="d-inline-flex align-items-center">
                        <p><i class="fa fa-envelope mr-2"></i>info@example.com</p>
                        <p class="text-body px-3">|</p>
                        <p><i class="fa fa-phone-alt mr-2"></i>+012 345 6789</p>
                    </div>
                </div>
                <div class="col-lg-6 text-center text-lg-right">
                    <div class="d-inline-flex align-items-center">
                        <a class="text-primary px-3" href="">
                            <i class="fab fa-facebook-f"></i>
                        </a>
                        <a class="text-primary px-3" href="">
                            <i class="fab fa-twitter"></i>
                        </a>
                        <a class="text-primary px-3" href="">
                            <i class="fab fa-linkedin-in"></i>
                        </a>
                        <a class="text-primary px-3" href="">
                            <i class="fab fa-instagram"></i>
                        </a>
                        <a class="text-primary pl-3" href="">
                            <i class="fab fa-youtube"></i>
                        </a>

            <div class="col-md-10 text-right mb-3">
                <a href="#" id="logoutButton" class="btn btn-primary">Logout</a>
            </div>
                    </div>
                </div>
            </div>
        </div>
    <div class="container-fluid position-relative nav-bar p-0 navbar.sticky-top">
        <div class="container-lg position-relative p-0 px-lg-3" style="z-index: 9;">
```

```html
        <nav class="navbar navbar-expand-lg bg-light navbar-light shadow-
lg py-3 py-lg-0 pl-3 pl-lg-5">
            <a href="" class="navbar-brand">
                <h1 class="m-0 text-primary"><span class="text-
dark">TRAVEL</span>ER</h1>
            </a>
            <button type="button" class="navbar-toggler" data-
toggle="collapse" data-target="#navbarCollapse">
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse justify-content-between
px-3" id="navbarCollapse">
                <div class="navbar-nav ml-auto">


                    <a href="userdashboard.jsp" class="nav-item nav-
link">Destinations</a>
                    <a href="booking.jsp" class="nav-item nav-
link">Bookings</a>
                    <a href="usercontact.jsp" class="nav-item nav-
link">Contact </a>


                    <a href="review.jsp" class="nav-item nav-
link">Reviews</a>
                </div>

            </div>
        </nav>
    </div>
</div>
```

Booking.jsp:

```html
<div class="col-lg-5">
    <div class="card border-0" id="booking">
        <div class="card-header bg-primary text-center p-4">
            <h1 class="text-white m-0">Booking Slot</h1>
        </div>
        <div class="card-body rounded-bottom bg-white p-5">
            <form action="booking" method="POST">
                <div class="form-group">
                    <input type="text" class="form-control p-4"
name="name" placeholder="Your name" required="required" />
                </div>
                <div class="form-group">
                    <input type="email" class="form-control p-4"
name="email" placeholder="Your email" required="required" />
                </div>
                <div class="form-group">
```

```
                          <input type="date" class="form-control p-4"
name="fromdate" placeholder="Select date" required="required" />
                      </div>
                       <div class="form-group">
                          <input type="date" class="form-control p-4"
name="todate" placeholder="Select date" required="required" />
                      </div>
                      <div class="form-group">
                          <input type="number" class="form-control p-4"
name="members" placeholder="Number of members" required="required" />
                      </div>
                      <div class="form-group">
                          <select class="custom-select px-4" name="destination"
style="height: 47px;">
                              <option selected>Select a destination</option>
                              <option value="1">destination 1</option>
                              <option value="2">destination 2</option>
                              <option value="3">destination 3</option>
                               <option value="1">destination 4</option>
                              <option value="2">destination 5</option>
                              <option value="3">destination 6</option>
                          </select>
                      </div>
                      <div>
                          <button class="btn btn-primary btn-block py-3"
type="submit">Book Now</button>
                      </div>
                  </form>
              </div>
          </div>
    </div>
```

Pacakage.jsp:

```
<%@ include file="header.jsp" %>
 <!-- Packages Start -->
    <div class="container-fluid py-5">
        <div class="container pt-5 pb-3">
            <div class="text-center mb-3 pb-3">
                <h6 class="text-primary text-uppercase" style="letter-
spacing: 5px;">Packages</h6>
                <h1>Pefect Tour Packages</h1>
            </div>
            <div class="row">
                <div class="col-lg-4 col-md-6 mb-4">
                    <div class="package-item bg-white mb-2">
                        <img class="img-fluid" src="img/package-1.jpg"
alt="">
                        <div class="p-4">
```

```html
                        <div class="d-flex justify-content-between mb-
3">
                            <small class="m-0"><i class="fa fa-map-
marker-alt text-primary mr-2"></i>Thailand</small>
                            <small class="m-0"><i class="fa fa-
calendar-alt text-primary mr-2"></i>3 days</small>
                            <small class="m-0"><i class="fa fa-user
text-primary mr-2"></i>2 Person</small>
                        </div>
                        <a class="h5 text-decoration-none"
href="">Discover amazing places of the world with us</a>
                        <div class="border-top mt-4 pt-4">
                            <div class="d-flex justify-content-
between">
                                <h6 class="m-0"><i class="fa fa-star
text-primary mr-2"></i>4.5 <small>(250)</small></h6>
                                <h5 class="m-0">$350</h5>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
            <div class="col-lg-4 col-md-6 mb-4">
                <div class="package-item bg-white mb-2">
                    <img class="img-fluid" src="img/package-2.jpg"
alt="">
                    <div class="p-4">
                        <div class="d-flex justify-content-between mb-
3">
                            <small class="m-0"><i class="fa fa-map-
marker-alt text-primary mr-2"></i>Thailand</small>
                            <small class="m-0"><i class="fa fa-
calendar-alt text-primary mr-2"></i>3 days</small>
                            <small class="m-0"><i class="fa fa-user
text-primary mr-2"></i>2 Person</small>
                        </div>
                        <a class="h5 text-decoration-none"
href="">Discover amazing places of the world with us</a>
                        <div class="border-top mt-4 pt-4">
                            <div class="d-flex justify-content-
between">
                                <h6 class="m-0"><i class="fa fa-star
text-primary mr-2"></i>4.5 <small>(250)</small></h6>
                                <h5 class="m-0">$350</h5>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
            <div class="col-lg-4 col-md-6 mb-4">
```

```html
                    <div class="package-item bg-white mb-2">
                        <img class="img-fluid" src="img/package-3.jpg" alt="">
                        <div class="p-4">
                            <div class="d-flex justify-content-between mb-3">
                                <small class="m-0"><i class="fa fa-map-marker-alt text-primary mr-2"></i>Thailand</small>
                                <small class="m-0"><i class="fa fa-calendar-alt text-primary mr-2"></i>3 days</small>
                                <small class="m-0"><i class="fa fa-user text-primary mr-2"></i>2 Person</small>
                            </div>
                            <a class="h5 text-decoration-none" href="">Discover amazing places of the world with us</a>
                            <div class="border-top mt-4 pt-4">
                                <div class="d-flex justify-content-between">
                                    <h6 class="m-0"><i class="fa fa-star text-primary mr-2"></i>4.5 <small>(250)</small></h6>
                                    <h5 class="m-0">$350</h5>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
                <div class="col-lg-4 col-md-6 mb-4">
                    <div class="package-item bg-white mb-2">
                        <img class="img-fluid" src="img/package-4.jpg" alt="">
                        <div class="p-4">
                            <div class="d-flex justify-content-between mb-3">
                                <small class="m-0"><i class="fa fa-map-marker-alt text-primary mr-2"></i>Thailand</small>
                                <small class="m-0"><i class="fa fa-calendar-alt text-primary mr-2"></i>3 days</small>
                                <small class="m-0"><i class="fa fa-user text-primary mr-2"></i>2 Person</small>
                            </div>
                            <a class="h5 text-decoration-none" href="">Discover amazing places of the world with us</a>
                            <div class="border-top mt-4 pt-4">
                                <div class="d-flex justify-content-between">
                                    <h6 class="m-0"><i class="fa fa-star text-primary mr-2"></i>4.5 <small>(250)</small></h6>
                                    <h5 class="m-0">$350</h5>
                                </div>
                            </div>
```

```html
                        </div>
                    </div>
                </div>
                <div class="col-lg-4 col-md-6 mb-4">
                    <div class="package-item bg-white mb-2">
                        <img class="img-fluid" src="img/package-5.jpg"
alt="">
                        <div class="p-4">
                            <div class="d-flex justify-content-between mb-
3">
                                <small class="m-0"><i class="fa fa-map-
marker-alt text-primary mr-2"></i>Thailand</small>
                                <small class="m-0"><i class="fa fa-
calendar-alt text-primary mr-2"></i>3 days</small>
                                <small class="m-0"><i class="fa fa-user
text-primary mr-2"></i>2 Person</small>
                            </div>
                            <a class="h5 text-decoration-none"
href="">Discover amazing places of the world with us</a>
                            <div class="border-top mt-4 pt-4">
                                <div class="d-flex justify-content-
between">
                                    <h6 class="m-0"><i class="fa fa-star
text-primary mr-2"></i>4.5 <small>(250)</small></h6>
                                    <h5 class="m-0">$350</h5>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
                <div class="col-lg-4 col-md-6 mb-4">
                    <div class="package-item bg-white mb-2">
                        <img class="img-fluid" src="img/package-6.jpg"
alt="">
                        <div class="p-4">
                            <div class="d-flex justify-content-between mb-
3">
                                <small class="m-0"><i class="fa fa-map-
marker-alt text-primary mr-2"></i>Thailand</small>
                                <small class="m-0"><i class="fa fa-
calendar-alt text-primary mr-2"></i>3 days</small>
                                <small class="m-0"><i class="fa fa-user
text-primary mr-2"></i>2 Person</small>
                            </div>
                            <a class="h5 text-decoration-none"
href="">Discover amazing places of the world with us</a>
                            <div class="border-top mt-4 pt-4">
                                <div class="d-flex justify-content-
between">
```

```html
                                        <h6 class="m-0"><i class="fa fa-star
text-primary mr-2"></i>4.5 <small>(250)</small></h6>
                                        <h5 class="m-0">$350</h5>
                                    </div>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            <!-- Packages End -->


            <!-- Destination Start -->
            <div class="container-fluid py-5">
                <div class="container pt-5 pb-3">
                    <div class="text-center mb-3 pb-3">
                        <h6 class="text-primary text-uppercase" style="letter-
spacing: 5px;">Destination</h6>
                        <h1>Explore Top Destination</h1>
                    </div>
                    <div class="row">
                        <div class="col-lg-4 col-md-6 mb-4">
                            <div class="destination-item position-relative
overflow-hidden mb-2">
                                <img class="img-fluid" src="img/destination-1.jpg"
alt="">
                                <a class="destination-overlay text-white text-
decoration-none" href="">
                                    <h5 class="text-white">United States</h5>
                                    <span>100 Cities</span>
                                </a>
                            </div>
                        </div>
                        <div class="col-lg-4 col-md-6 mb-4">
                            <div class="destination-item position-relative
overflow-hidden mb-2">
                                <img class="img-fluid" src="img/destination-2.jpg"
alt="">
                                <a class="destination-overlay text-white text-
decoration-none" href="">
                                    <h5 class="text-white">United Kingdom</h5>
                                    <span>100 Cities</span>
                                </a>
                            </div>
                        </div>
                        <div class="col-lg-4 col-md-6 mb-4">
```

```html
                        <svg fill="none" stroke="currentColor" stroke-
linecap="round" stroke-linejoin="round" stroke-width="2"
                            class="text-indigo-500 w-12 h-12 mb-3 inline-
block" viewBox="0 0 24 24">
                            <path d="M12 22s8-4 8-10V5l-8-3-8 3v7c0 6 8 10 8
10z"></path>
                    </svg>
                    <h3 class="body-font font-medium text-2xl text-gray-
600"><%= contactMessagesRowCount %></h3>
                        <p class="leading-relaxed">Issuesd solved</p>
                </div>
            </div>
        </div>
    </section>
```

ManageUser.jsp:

```jsp
<body>
<%@ include file="adminheader.jsp" %>

<div class="container mt-5">
    <h2 align="center">Manage Users</h2>
    <table class="table table-hover">
        <thead>
            <tr>
                <th>Username</th>
                <th>Email</th>
                <th>Password</th>
                <th>Action</th>
            </tr>
        </thead>
        <tbody>
            <%
            Connection connection = null;
            PreparedStatement statement = null;
            ResultSet resultSet = null;

            try {
                // Load the MySQL JDBC driver
                Class.forName("com.mysql.cj.jdbc.Driver");

                // Connect to the database
                String jdbcUrl = "jdbc:mysql://localhost:3306/tis";
                String dbUsername = "root";
                String dbPassword = "root";
                connection = DriverManager.getConnection(jdbcUrl,
dbUsername, dbPassword);

                // Prepare the SQL statement
```

```jsp
                    String sql = "SELECT * FROM users ORDER BY id DESC";
                    statement = connection.prepareStatement(sql);

                    // Execute the query
                    resultSet = statement.executeQuery();

                    // Process the result set
                    while (resultSet.next()) {
                        String username = resultSet.getString("username");
                        String email = resultSet.getString("email");
                        String password = resultSet.getString("password");
            %>
                        <tr>
                            <td><%= username %></td>
                            <td><%= email %></td>
                            <td><%= password %></td>
                            <td>
                                <a href="edit_user.jsp?id=<%=
resultSet.getInt("id") %>" class="btn btn-primary">Edit</a>
                                <a href="delete_user.jsp?id=<%=
resultSet.getInt("id") %>" class="btn btn-danger">Delete</a>
                            </td>
                        </tr>
            <%
                    }
                } catch (Exception e) {
                    e.printStackTrace();
                } finally {
                    // Close resources
                    try {
                        if (resultSet != null) resultSet.close();
                        if (statement != null) statement.close();
                        if (connection != null) connection.close();
                    } catch (SQLException e) {
                        e.printStackTrace();
                    }
                }
            %>
        </tbody>
    </table>
```

ManageBookings.jsp :

```jsp
<body>
<%@ include file="adminheader.jsp" %>

</div>
    <div class="container mt-5">
        <h2 align="center">Manage Bookings</h2>
```

```html
<table class="table table-striped">
    <thead>
        <tr>
            <th>Name</th>
            <th>Email</th>
            <th>From Date</th>
            <th>To Date</th>
            <th>Members</th>
            <th>Destination</th>
            <th>Actions</th>
        </tr>
    </thead>
    <tbody>
        <%
        Connection conn = null;
        PreparedStatement pstmt = null;
        ResultSet rs = null;
        try {
            // Establish database connection
            String url = "jdbc:mysql://localhost:3306/tis";
            String username = "root";
            String password = "root";
            Class.forName("com.mysql.jdbc.Driver");
            conn = DriverManager.getConnection(url, username,
password);

            // Retrieve data from Booking table, ordering by a
column representing the order of insertion (assuming 'booking_id' is auto-
incremented)
            String query = "SELECT * FROM Booking ORDER BY
booking_id DESC"; // Order by booking_id in descending order to get newest
rows first

            pstmt = conn.prepareStatement(query);
            rs = pstmt.executeQuery();

            // Iterate through the result set and display data in
table rows
            while(rs.next()) {
        %>
        <tr>
            <td><%= rs.getString("name") %></td>
            <td><%= rs.getString("email") %></td>
            <td><%= rs.getString("fromdate") %></td>
            <td><%= rs.getString("todate") %></td>
            <td><%= rs.getInt("members") %></td>
            <td><%= rs.getString("destination") %></td>
            <td>
                <a href="edit_booking.jsp?id=<%=
rs.getInt("booking_id") %>" class="btn btn-primary">Edit</a>
```

```html
                <a href="deleterecord.jsp?id=<%=
rs.getInt("booking_id") %>" class="btn btn-danger">Cancel</a>
                    </td>
                </tr>
                <%
                    }
                } catch (Exception e) {
                    e.printStackTrace();
                } finally {
                    // Close JDBC objects
                    try {
                        if (rs != null) rs.close();
                        if (pstmt != null) pstmt.close();
                        if (conn != null) conn.close();
                    } catch (SQLException e) {
                        e.printStackTrace();
                    }
                }
                %>
            </tbody>
        </table>
    </div>
```

Contacts.java:

```java
@WebServlet("/usercontact")
public class Usercontact extends HttpServlet {
    private static final long serialVersionUID = 1L;

    // Database credentials
    static final String JDBC_DRIVER = "com.mysql.jdbc.Driver";
    static final String DB_URL = "jdbc:mysql://localhost/tis";
    static final String USER = "root";
    static final String PASS = "root";

    protected void doPost(HttpServletRequest request, HttpServletResponse response)
            throws ServletException, IOException {
        // Set the content type of the response
        response.setContentType("text/html");

        // Retrieve form data
        String name = request.getParameter("name");
        String email = request.getParameter("email");
        String subject = request.getParameter("subject");
        String message = request.getParameter("message");

        Connection conn = null;
        PreparedStatement stmt = null;
```

```
        boolean success = false;

        PrintWriter out = response.getWriter();

        try {
            // Register JDBC driver
            Class.forName(JDBC_DRIVER);

            // Open a connection
            conn = DriverManager.getConnection(DB_URL, USER, PASS);

            // Prepare statement
            String sql = "INSERT INTO contactmessages (name, email,
subject, message) VALUES (?, ?, ?, ?)";
            stmt = conn.prepareStatement(sql);
            stmt.setString(1, name);
            stmt.setString(2, email);
            stmt.setString(3, subject);
            stmt.setString(4, message);

            // Execute the statement
            int rowsInserted = stmt.executeUpdate();
            success = rowsInserted > 0; // Check if any row is inserted
```

Edit_user.jsp:

```
<body>

<%@ include file="adminheader.jsp" %>

<div class="container mt-5">
    <h2>Edit User</h2>
    <%
        Connection conn = null;
        PreparedStatement pstmtSelect = null;
        PreparedStatement pstmtUpdate = null;
        ResultSet rs = null;

        try {
            // Get the user ID from request parameter
            int userId = Integer.parseInt(request.getParameter("id"));

            // Establish database connection
            String jdbcUrl = "jdbc:mysql://localhost:3306/tis";
            String dbUsername = "root";
            String dbPassword = "root";
            conn = DriverManager.getConnection(jdbcUrl, dbUsername,
dbPassword);
```

```jsp
            // Check if the form has been submitted
        if (request.getMethod().equalsIgnoreCase("post")) {
            // Get updated user data from form parameters
            String updatedUsername = request.getParameter("username");
            String updatedEmail = request.getParameter("email");
            String updatedPassword = request.getParameter("password");

            // Prepare and execute UPDATE query to update the user
data
            String updateQuery = "UPDATE users SET username=?,
email=?, password=? WHERE id=?";
            pstmtUpdate = conn.prepareStatement(updateQuery);
            pstmtUpdate.setString(1, updatedUsername);
            pstmtUpdate.setString(2, updatedEmail);
            pstmtUpdate.setString(3, updatedPassword);
            pstmtUpdate.setInt(4, userId);

            int rowsAffected = pstmtUpdate.executeUpdate();
if (rs.next()) {
                String username = rs.getString("username");
                String email = rs.getString("email");
                String password = rs.getString("password");
    %>
<form action="edit_user.jsp?id=<%= userId %>" method="post">
                <div class="form-group">
                    <label for="username">Username:</label>
                    <input type="text" class="form-control"
id="username" name="username" value="<%= username %>" required>
                </div>
                <div class="form-group">
                    <label for="email">Email:</label>
                    <input type="email" class="form-control"
id="email" name="email" value="<%= email %>" required>
                </div>
                <div class="form-group">
                    <label for="password">Password:</label>
                    <input type="password" class="form-control"
id="password" name="password" value="<%= password %>" required>
                </div>
                <button type="submit" class="btn btn-
primary">Update</button>
            </form>
```

Contact.jsp:

```jsp
<body>
<%@ include file="header.jsp" %>
 <!-- Contact Start -->
    <div class="container-fluid py-5">
        <div class="container py-5">
            <div class="text-center mb-3 pb-3">
```

```html
                    <h6 class="text-primary text-uppercase" style="letter-spacing: 5px;">Contact</h6>
                    <h1>Contact For Any Query</h1>
                </div>
                <div class="row justify-content-center">
                    <div class="col-lg-8">
                        <div class="contact-form bg-white" style="padding: 30px;">
                            <div id="success"></div>
                            <form  action="contact" method="POST" name="sentMessage" id="contactForm" novalidate="novalidate">
                                <div class="form-row">
                                    <div class="control-group col-sm-6">
                                        <input type="text" class="form-control p-4"  name="name" id="name" placeholder="Your Name"
                                            required="required" data-validation-required-message="Please enter your name" />
                                        <p class="help-block text-danger"></p>
                                    </div>
                                    <div class="control-group col-sm-6">
                                        <input type="email" class="form-control p-4"  name="email" id="email" placeholder="Your Email"
                                            required="required" data-validation-required-message="Please enter your email" />
                                        <p class="help-block text-danger"></p>
                                    </div>
                                </div>
                                <div class="control-group">
                                    <input type="text" class="form-control p-4"  name="subject" id="subject" placeholder="Subject"
                                        required="required" data-validation-required-message="Please enter a subject" />
                                    <p class="help-block text-danger"></p>
                                </div>
                                <div class="control-group">
                                    <textarea class="form-control py-3 px-4" name="message" rows="5" id="message" placeholder="Message"
                                        required="required"
                                        data-validation-required-message="Please enter your message"></textarea>
                                    <p class="help-block text-danger"></p>
                                </div>
                                <div class="text-center">
                                    <button class="btn btn-primary py-3 px-4" type="submit" id="sendMessageButton">Send Message</button>
                                </div>
                            </form>
                        </div>
                    </div>
                </div>
            </div>
```