

Project Report

Web Technologies Lab

5th Semester Fall 2025

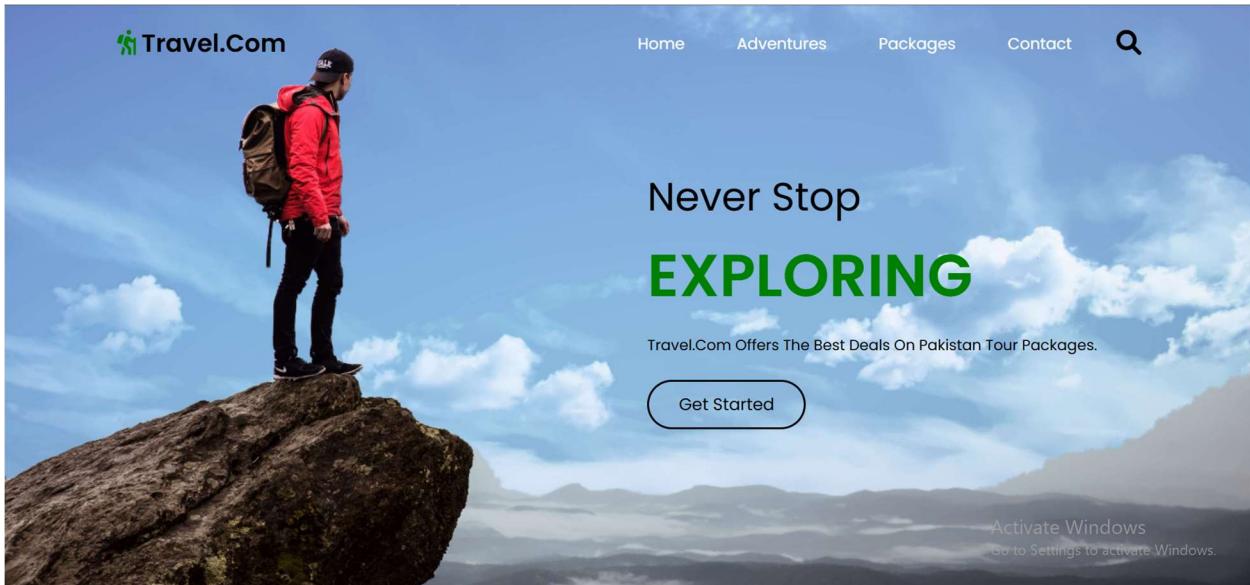


TOURISM WEBSITE

MADE BY:

- Mohammad Roshaan (2023F-BCS-311)
- Daniyal Khalid (2023F-BCS-368)

Main Page:



The banner features a man in a red jacket and black pants standing on a large, mossy rock formation. He is wearing a backpack and a cap. The background is a vast, blue sky with scattered white clouds and distant mountain ranges.

Travel.Com

Home Adventures Packages Contact 

Never Stop
EXPLORING

Travel.Com Offers The Best Deals On Pakistan Tour Packages.

Get Started

Activate Windows
Go to Settings to activate Windows.

Adventures Page:



Travel Ideas!



Bungee Jump

Experience The Thrill Of A Lifetime In The Rugged Terrains Of Northern Pakistan.

Read More



Zip Lines

Glide Through The Valleys Of Malam Jabba With Our Premium Zip Line Tours.

Read More



Canoeing

Paddle Through The Crystal Clear Waters Of Attabad Lake.

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Read More

Packages Page:

Travel.Com

Popular Packages



Hunza Valley
Experience The 'Shangri-La' Of Pakistan. Visit Attabad Lake, Altit Fort, And The Majestic Rakaposhi View Point. Perfect For Families.
Rs 45,000 - Rs 55,000
[Explore Now](#)



Skardu & Shangrila
The Gateway To K2. Explore The Cold Desert, Upper Kachura Lake, And The Famous Shangrila Resort. A True Adventure.
Rs 55,000 - Rs 65,000
[Explore Now](#)



Fairy Meadows
A Trekker's Paradise. Camp Under The Stars At The Base Of Nanga Parbat And Witness The Magical Reflection Lake.
Rs 35,000 - Rs 40,000
[Explore Now](#)



Naran Kaghan
Visit The Legendary Saif-Ul-Malook Lake, Lulusar Lake, And Bobular Top. The Most Popular Summer Destination In Pakistan.
Rs 25,000 - Rs 30,000
[Explore Now](#)



Swat Valley
Known As The 'Switzerland Of The East'. Enjoy Skiing At Malam Jabbba And Visit The Historic White Palace.
Rs 20,000 - Rs 28,000
[Explore Now](#)



Neelum Valley, Kashmir
Paradise On Earth. Lush Green Valleys, Crystal Clear Streams, And Waterfalls At Kutton And Keran.
Rs 30,000 - Rs 38,000
[Explore Now](#)

Contact Us Page:

Travel.Com

Contact Us

Name

Email Address

Phone

Subject

[Send ▶](#)

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Go to Settings to activate Windows.

1. Introduction

Travel.com is a full-stack web application developed to promote tourism in Pakistan. The project focuses on delivering high-quality user experience with a responsive interface and a functional backend to handle user inquiries and data storage.

2. Tools & Technologies Used

Frontend (The Interface)

- **HTML5:** For semantic structuring of the website components.
- **CSS3:** For custom styling, animations, and responsive layouts (Flexbox & Grid).
- **JavaScript (ES6):** For DOM manipulation, scroll effects, and menu toggling.
- **FontAwesome & Unicons:** For high-quality vector icons used in navigation and social links.

Backend (The Logic)

- **PHP:** For server-side processing and handling form submissions.
- **MySQL:** As the Relational Database Management System (RDBMS) to store user data.

3. Key Features

- **Responsive Header:** A sticky navigation bar that changes transparency on scroll and collapses into a sidebar for mobile users.
- **Search Overlay:** A full-screen interactive search modal built with CSS transitions and JavaScript.
- **Adventure Gallery:** A section showcasing activities using circular image layouts and hover transitions.
- **Dynamic Tour Packages:** Cards displaying pricing and location details with "Dark Mode" hover effects.
- **Functional Contact Form:** A lead-generation form with built-in validation (e.g., Gmail pattern matching).
- **Database Integration:** Successful connection between the frontend form and a MySQL database for permanent data storage.

4. Database Design

- **Database Name:** tour
- **Table Name:** contact

The database stores the following attributes for every user inquiry:

1. **Name:** User's full name.
2. **Email:** User's email (specifically validated for Gmail).
3. **Phone:** Contact number.
4. **Subject:** Purpose of the inquiry.
5. **Message:** Detailed text from the user.

5. System Architecture

The project follows a Client-Server Architecture:

1. **User Side:** The browser renders the HTML/CSS/JS interface.
2. **Request:** When the form is submitted, data is sent via the **POST** method to the server.
3. **Server Side:** The PHP script (`contact_us.php`) processes the data and establishes a connection to the MySQL database.
4. **Storage:** The SQL `INSERT` command stores the data securely in the `contact` table.

6. Conclusion

The Travel.com project effectively demonstrates the integration of modern web technologies. By combining a responsive frontend with a robust PHP/MySQL backend, we have created a functional application that meets the standards of a professional tourism portal.