

Project Report



CSE4001 - Internet and Web Programming

Slot: A21+A22+A23+B22+C14+D21

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Avipro Travels – CMS Based Travel Package Website

1.Introduction

The tourism industry heavily relies on digital platforms to showcase travel packages and attract potential customers. A dynamic and user-friendly travel website helps travelers discover destinations, compare packages, and submit enquiries conveniently.

The project “Avipro Travels” is a CMS-based Travel Package Website developed as part of the academic internal assessment. Unlike static websites, this system uses a complete Content Management System (CMS) allowing the admin to manage tour packages, website content, booking enquiries, and more through an interactive admin dashboard.

This project aims to provide a functional, dynamic website similar in concept to the reference website packages.kashmirvendor.com, ensuring ease of content updates and user engagement.

2.Objectives of the Project

The major objectives of this project include:

- To design and develop a dynamic travel package website using PHP and MySQL.
- To build a CMS (Admin Panel) for managing:
 - Travel packages
 - Package images
 - Bookings & enquiries
 - Website content (About, Contact, Banners)
- To implement secure admin login with session management.
- To create a responsive front-end interface for users to explore tour packages.
- To integrate JavaScript validation and AJAX form submission for booking/enquiry forms.
- To store user booking enquiries into the database for admin review.

3.System Requirements

3.1 Software Requirements

Frontend: HTML5, CSS3, JavaScript, Bootstrap

Backend: PHP 7+

Database: MySQL

Tools: XAMPP/WAMP/LAMP, Visual Studio Code

Browser Support: Chrome, Firefox, Edge

3.2 Hardware Requirements

Processor: Dual Core or above

RAM: Minimum 4 GB

Hard Disk: Minimum 2 GB free space

4. System Architecture

1. Presentation Layer (Frontend)

Users can:

- View travel packages
- View detailed package itineraries, prices, inclusions, exclusions
- Submit booking/enquiry forms
- Navigate pages such as Home, About Us, Contact

2. Application Layer (Backend)

- Developed using PHP:
- Handles admin actions (CRUD operations)
- Processes booking form submissions with AJAX
- Validates data and manages sessions

3. Data Layer (Database)

- MySQL Database Stores:
- Package information
- Image paths
- Booking/enquiry records
- Admin credentials
- Website content

5. Technologies and Features Implemented

Frontend

Bootstrap responsive design

Dynamic package loading using PHP loops

JavaScript + jQuery validation

Clean UI similar to reference website

Backend

PHP-based CRUD operations

Secured admin login

AJAX-based form submission

Image upload handling

MySQL Database operations with prepared statements (recommended)

6. Testing

Tests Performed

- Form validation testing
- Login authentication testing
- CRUD operations in the admin panel
- Browser compatibility testing
- Database connectivity verification

Results

All modules performed successfully as per requirements.

7. Conclusion

The project “Avipro Travels” successfully demonstrates the creation of a fully-functional CMS-based travel package website.

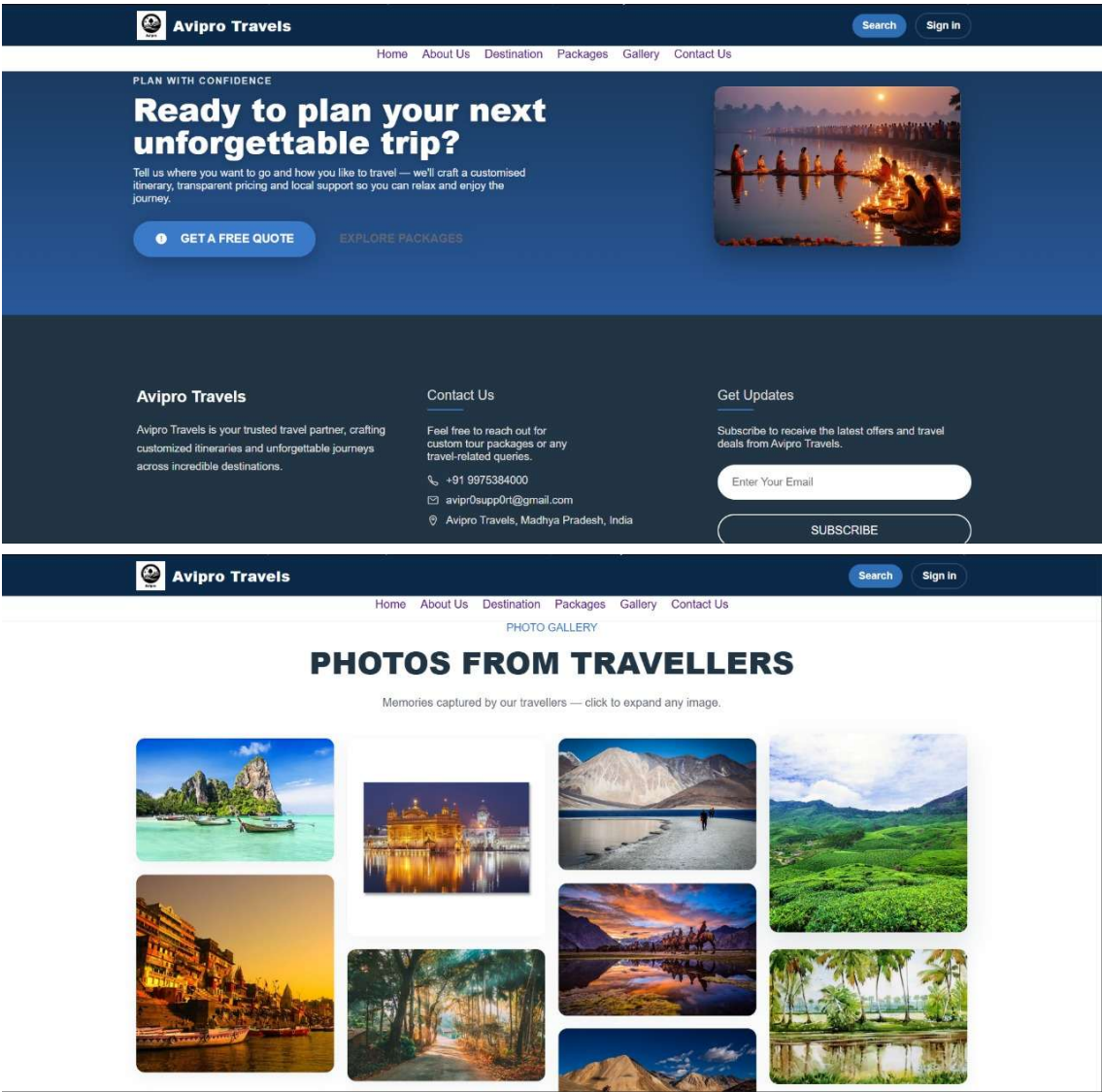
The dynamic structure allows the admin to update all website content without modifying code. The booking/enquiry system enables efficient communication between travelers and the agency.

The system is scalable and can be enhanced with additional modules such as:

- Payment gateway integration
- User accounts and booking history
- Automated email notifications

Overall, this project fulfills all academic requirements and provides a strong practical foundation in PHP, AJAX, MySQL, and web development.

8. Screenshots





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ABOUT US

WE CRAFT JOURNEYS THAT STAY WITH YOU

Avipro Travels blends local knowledge, curated itineraries and sustainable experiences to create trips that feel personal and effortless. From honeymoon escape to high-altitude adventures, our team plans each step so you can travel with confidence.



HANDPICKED EXPERIENCES

We select hotels, guides and local partners to deliver seamless, enriching travel.



TRUSTED SUPPORT

24/7 local assistance and flexible booking policies to keep your journey worry-free.



RESPONSIBLE TRAVEL

We work with communities to minimize impact and maximize benefits for local people.

12

Years Experience

250

Packages

9,800

Happy Travelers

OUR STORY

2013 — Founded by travel enthusiasts.
2016 — Expanded operations across India.
2020 — Focus on curated, sustainable travel.

MEET THE TEAM



Aditya Seswani
Founder & CEO



Sumukh Agrawal
Head of Operations



Aryan Thombare
Experience Designer

Thank You