PROJECT REPORT
ON
A WEB APPLICATION FOR TREKKING

Submitted in partial fulfillment of the

requirement for the award of the degree of

Bachelor of Computer Applications

to

Uttaranchal School of Computing Sciences

SESSION (2024-25)

Submitted To	Submitted By
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(Assistant Professor)	BCA
USCS	6th B
	UU2209000023

ACKNOWLEDGEMENT

The most awaited moment of any endeavor is successful completion, but nothing can be done successfully if done alone. Success is the outcome of contribution and consistent help of various persons and we thank those ones who helped us in successful completion of this project.

First and foremost, we would like to thanks **Prof**. **(Dr.) Sonal Sharma**, Director, **USCS** for providing a healthy and encouraging environment to study.

We profusely thankful to the **"Dr. Sameer Dev Sharma"**, Head of Department, **USCS** and our project Mentor "**Ms. Divya Pandey** been generous enough to provide us an opportunity and accepting our candidature for the most valuable guidance and affordable treatment given to us at every stage to boost our morale.

We express our sincere gratitude to our colleagues with whom we have fruitful discussions which have helped us a lot in giving a final shape to the program.

Date: 28-04-2025   **Aditya Tomar**

                                                                Signature

                                            Enrollment No- 2209000023

DECLARATION

I, **Mr. Aditya Tomar** S/o **Mr. Yogesh Tomar** bearing Enrollment No. **2209000023** student of **program BCA** semester **6th** , hereby declare that the project report entitled **Web Based Application for Trekking s**ubmitted to the **USCS**, **Uttaranchal University, Dehradun**, is a record of an original work carried by me under the guidance of **Ms. Divya Pandey** and this project work has not been submitted to any other University / College for the sake of award of any degree.

Date: 28-04-2025   **Aditya Tomar**

                                                                                                    Signature

CERTIFICATE

This is to certify that the project entitled **"WEB BASED APPLICATION FOR TREKKING"** by **ADITYA TOMAR** and has been submitted in the partial fulfilment of the requirements for the award of the degree of **BCA** from Uttaranchal University, Dehradun. The results embodied in this project have not been submitted to any other University or Institution for the record of any degree.

Under the guidance of:

Ms. Divya Pandey

(Project mentor)

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<u>INTRODUCTION</u>

The development of a dedicated trekking website aims to address the growing demand for comprehensive digital platforms that serve outdoor enthusiasts and adventure travelers. This project report outlines our approach to creating an online hub where trekking enthusiasts can discover trails, plan expeditions, connect with fellow adventurers, and access vital resources for safe and enjoyable outdoor experiences.

In recent years, we've witnessed significant growth in the popularity of trekking and outdoor activities, accelerated by increased interest in nature-based recreation and wellness tourism. Despite this trend, the market analysis revealed considerable gaps in existing digital offerings that fully address the specific needs of the trekking community. Our website project emerges as a solution to these identified gaps, providing an integrated platform that combines informational resources, community features, and practical planning tools.

This report details our journey from initial concept to implementation, highlighting the strategic decisions, development process, and key features that make our trekking website a valuable resource for both casual hikers and serious mountaineers alike. The subsequent sections will elaborate on our market research findings, technical specifications, user experience design considerations, and anticipated business outcomes that together form the foundation of this project.

OBJECTIVES

- Create a responsive and intuitive user interface for both desktop and mobile users.
- Develop a robust database system to store and retrieve trek information, user data, and reviews.
- Implement user authentication and authorization systems.
- Allow users to search, filter, and bookmark trekking routes.
- Enable social features like reviews, ratings, and community forums.
- Provide an admin dashboard for content management.
- Ensure data security and privacy compliance.
- Optimize website performance and loading speed.

SYSTEM ANALYSIS

EXISTING SYSTEM

- Not much attractive.
- Many doesn't work well in Mobiles.
- Quite boring and simple interface.

PROPOSED SYSTEM

- Attractive user interface to make user's experience better.
- Supports in both desktop view and mobile view.
- Captivative and attracive interface.

FEASIBILTY STUDY

As the name suggests, feasibility study is a study to reveal whether a project is feasible or not. It conducts in order to find answers to the following questions: Do we have required resources and technologies to build the project.

TECHNICAL FEASIBILITY

Frontend is provided by PHP, HTML, CSS, JAVASCRIPT and backend by MYSQL, so the proposed system is technically feasible.

ECONOMICAL FEASIBILITY

This project is economically feasible as its cost of maintenance is extremely less.

OPERATIONAL FEASIBILTY

Comparing the operational part of the proposed system with many more operation it was found the proposed system is more beneficial from operational point of view. The system works because the application is a simple web-based application.

PROJECT PLANNING

- First, we analyzed all possible sectors that should be in the web application.
- Then we understand the need and need to develop a system that makes this possible process faster and easier to manage.
- We found HTML/CSS, PHP suitable for this projects, so we choose the language or platform to develop this system on based on the needs of this system.
- Next, defines the modules and sub-modules required by the system and what each module should do.
- Then we created the website interface with HTML/CSS.
- Then design the database, tables and properties and design the back-end of the system with MYSQL and PHP.

PROJECT SCHEDULING

GANTT CHART

SDLC Phase	Project Activity	Duration	Start	Finish
1	Requirement Analysis	13 days	15-02-2025	28-02-2025
2	Feasibility Study	10 days	01-03-2025	11-03-2025
3	Design	26 days	12-03-2025	07-04-2025
4	Documentation	32 days	14-03-2025	15-04-2025
5	Coding	43 days	23-03-2025	05-05-2025
6	Testing	24 days	11-04-2025	15-05-2025

TABLE 1: GANTT CHART

Figure 1: Gantt Chart

PERT CHART

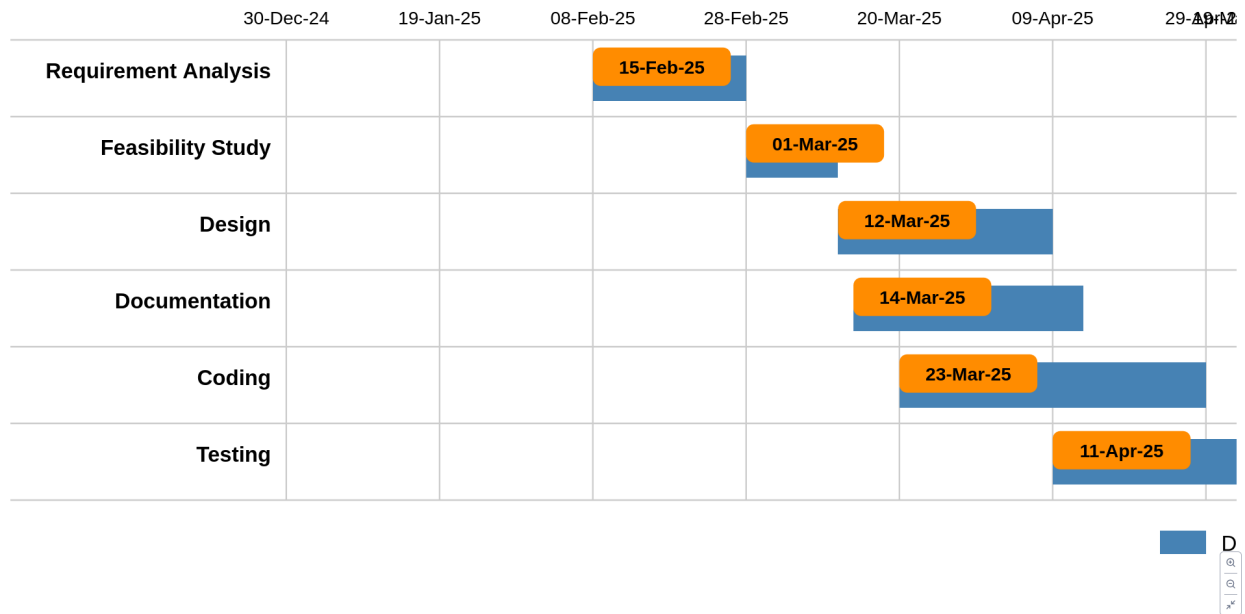| SDLC Phase	Project Activity	Duration	Start	Finish
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3	Design	26 days	12-03-2025	07-04-2025
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5	Coding	43 days	23-03-2025	05-05-2025
6	Testing	24 days	11-04-2025	15-05-2025

TABLE 2: PERT CHART
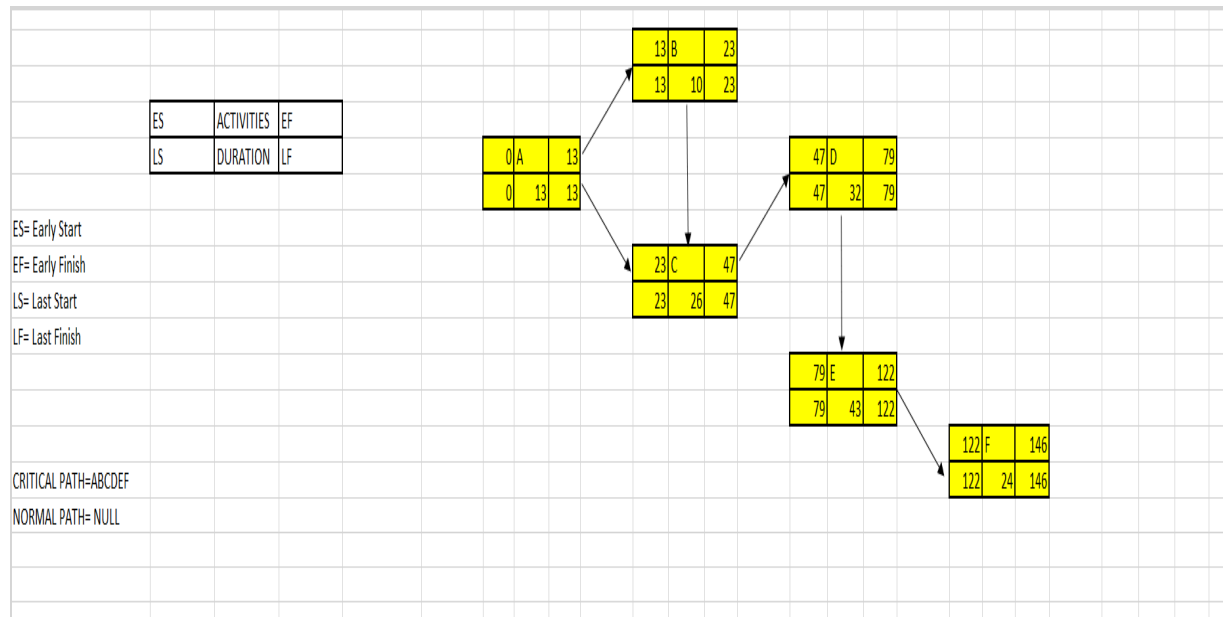
Figure 2: Pert Chart

SYSTEM SPECIFICATION

Hardware:

- Laptop or desktop with supported internet connection.

- Intel Processor 2.0 GHz or above

- 4GB RAM or more.

Software:

- Operating System**:**   Windows

- Languages Used: HTML, CSS JAVASCRIPT,PHP

- Front-End**:**   HTML CSS JS

- Back-End**:**   PHP AND MYSQL

- Web Server**:**   XAMPP

DATA MODELS

USE CASE DIAGRAM
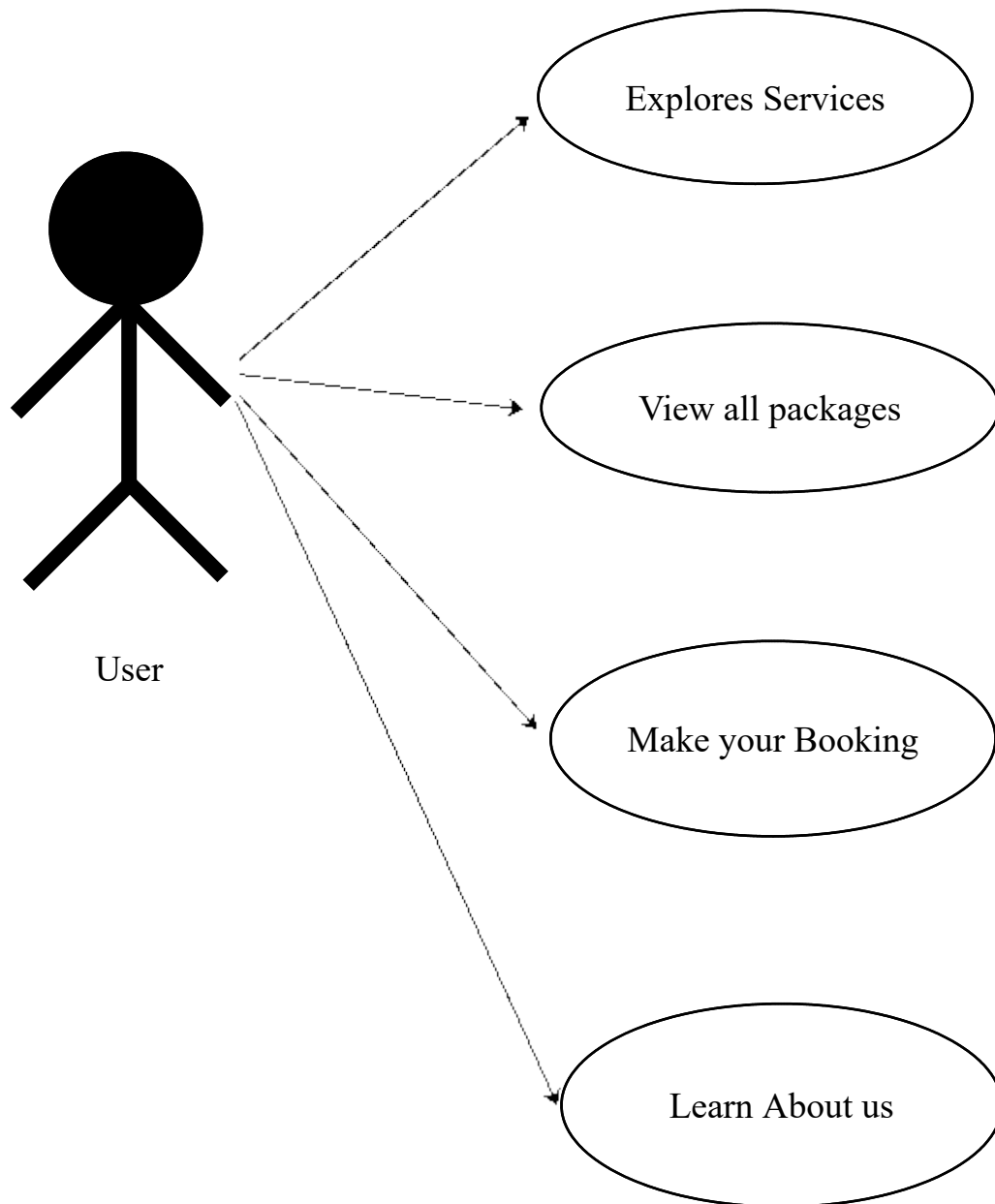
SYSTEM DESIGN

MODULARIZATION DETAILS

In our website there is only one module i.e.

- User.

USER :

- In this module, user can simpy explore all the services at one place that are being provided.
- In this module, user can view all the packages and destination for trekks.
- If user likes to have any service or trekk to any destination he/she can book and then he./she will be contacted and further details will be passsed on.

FUTURE SCOPE & ENHANCEMENT

- **User Experience and Design Enhancements:**

  - **Responsive Design:** Improve mobile responsiveness and cross-browser compatibility to ensure the website works seamlessly on all devices.

  - **Dynamic Content Loading:** Use AJAX (Asynchronous JavaScript and XML) for faster content updates without refreshing pages.

  - **Interactive UI Elements:** Add animations, carousels, or interactive maps to enhance user engagement.

  - **Personalized Dashboards:** Allow users to view their trekking history, booked tours, and favorite locations in a personalized dashboard.

- **Advanced User Features:**

  - **User Reviews and Ratings:** Enable trekkers to share their experiences and rate trekking trails.

  - **Recommendation System:** Implement an AI-based recommendation system to suggest treks based on user preferences and past behavior.

  - **Multilingual Support:** Add language options to cater to a global audience.

- **Content Management:**

  - **Admin Panel for Content Updates:** Create a secure admin panel for easy addition and management of trekking routes, photos, and blogs.

  - **User-Generated Content:** Allow users to contribute content, such as photos and blogs, to make the platform more engaging.

- **Booking and Payment Features:**

  - **Real-Time Availability:** Integrate a system that shows real-time availability for treks and guides.

  - **Secure Payment Gateway:** Improve payment options by integrating additional gateways and implementing robust security measures.

  - **Discounts and Packages:** Offer promo codes, discounts, or bundled trekking packages to attract more users.

- **Community and Social Features:**

  - **Social Media Integration:** Let users share their trekking achievements on social platforms.

  - **Community Forums:** Create a space for trekkers to discuss trails, share tips, and connect with fellow adventurers.

- **Group Trek Matching:** Match users with others interested in group treks based on location and preferences.

- **Data and Analytics Integration:**

  - **Analytics Dashboard:** Include tools to track user behavior, popular routes, and website traffic for business insights.

  - **User Data Insights:** Leverage MySQL to analyze data and improve user experience and website content.

- **Tech-Specific Enhancements:**

  - **Chatbots for Support:** Use JavaScript and PHP to build chatbots for 24/7 customer support.

  - **Progressive Web App (PWA):** Convert the website into a PWA for better performance and offline access.

  - **SEO Optimization:** Enhance HTML tags and meta descriptions to improve search engine rankings.

- **Safety and Navigation Features:**

  - **Emergency Assistance:** Add live GPS tracking and emergency contact options for trekkers during their journeys.

- **Weather Updates:** Display real-time weather information for each trekking location.

- **Difficulty Level Filters:** Allow users to filter treks based on difficulty, duration, and other parameters.

- **Future Technologies Integration:**

  - **Augmented Reality (AR):** Introduce AR features for virtual previews of trekking trails.

  - **IoT Integration:** Collaborate with wearable devices to track trekker health stats like heart rate and calories burned.

  - **Cloud Storage:** Use cloud services for secure and scalable storage of data and media files.

APPENDICES

SOURCE CODE

home.php
```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Home</title>

  <!-- Font Awesome cdn link -->
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.7.2/css/all.min.css">

  <!-- Custom CSS link -->
  <link rel="stylesheet" href="css/style.css">

  <!-- Swiper CSS link -->
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/swiper@11/swiper-bundle.min.css"/>

</head>

<body>

  <!-- Header Section -->
  <section class="header">
    <a href="home.php" class="logo">Trekk.in</a>

    <nav class="navbar">
      <a href="home.php">Home</a>
      <a href="about.php">About</a>
      <a href="package.php">Package</a>
      <a href="book.php">Book</a>
    </nav>

    <div id="menu-btn" class="fas fa-bars"></div>

  </section>
  <!-- Header Section Ends -->

  <!-- Home Section -->
  <section class="home">
    <div class="swiper home-slider">
      <div class="swiper-wrapper">
        <!-- Slide 1 -->
        <div class="swiper-slide slide" style="background: url(images/home-bg-1.jpg) no-repeat">
          <div class="content">
            <span>Explore the world</span>
            <h3>Adventure is worthwhile</h3>
            <a href="package.php" class="btn">Explore Now</a>
          </div>
        </div>
        <!-- Slide 2 -->
```

```html
<div class="swiper-slide slide" style="background: url(images/home-bg-2.jpg) no-repeat">
   <div class="content">
      <span>Explore the world</span>
      <h3>Adventure is worthwhile</h3>
      <a href="package.php" class="btn">Explore Now</a>
   </div>
</div>
<!-- Slide 3 -->
<div class="swiper-slide slide" style="background: url(images/home-bg-3.jpg) no-repeat">
   <div class="content">
      <span>Explore the world</span>
      <h3>Adventure is worthwhile</h3>
      <a href="package.php" class="btn">Explore Now</a>
   </div>
</div>

</div>

<div class="swiper-button-prev"></div>
<div class="swiper-button-next"></div>

</div>
</section>
<!-- Home Section Ends -->


<!-- Services Section -->
<section class="services">
   <h1 class="heading-title">Our Services</h1>

   <div class="box-container">

      <div class="box">
         <img src="images/adventure-icon.png" alt="">
         <h3>Adventure</h3>
      </div>

      <div class="box">
         <img src="images/tour-guide-icon.png" alt="">
         <h3>Tour Guide</h3>
      </div>

      <div class="box">
         <img src="images/trekking-icon.png" alt="">
         <h3>Trekking</h3>
      </div>

      <div class="box">
         <img src="images/camping-icon.png" alt="">
         <h3>Camping</h3>
      </div>

   </div>
</section>
<!-- Services Section Ends -->
```

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```html
<!-- home about section Starts -->
<section class="home-about">
   <div class="image">
      <img src="images/about-img.jpg" alt="">
   </div>

   <div class="content">
      <h3>About Us</h3>
      <p>Lorem ipsum, dolor sit amet consectetur adipisicing elit.
      Dolorum pariatur ad delectus, assumenda consectetur obcaecati commodi id! Voluptates,
      dolor dolorem optio veniam porro, earum repellat, explicabo quos praesentium at iure.</p>
      <a href="about.php" class="btn">Read More</a>
   </div>

</section>
<!-- home about section Ends -->

<!-- home packages section Starts -->
<section class="home-packages">
   <h1 class="heading-title">Our Packages</h1>

   <div class="box-container">

      <!-- Box 1 -->
      <div class="box">

         <div class="image">
            <img src="images/package-1.jpg" alt="">
         </div>

         <div class="content">
            <h3>Adventure & Tour</h3>
            <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Quisquam, quos.</p>
            <a href="book.php" class="btn">Book Now</a>
         </div>

      </div>

      <!-- Box 2 -->
      <div class="box">

         <div class="image">
            <img src="images/package-2.jpg" alt="">
         </div>

         <div class="content">
            <h3>Adventure & Tour</h3>
            <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Quisquam, quos.</p>
            <a href="book.php" class="btn">Book Now</a>
         </div>

      </div>

      <!-- Box 3 -->
      <div class="box">
```

```html
      <div class="image">
         <img src="images/package-3.jpg" alt="">
      </div>

      <div class="content">
         <h3>Adventure & Tour</h3>
         <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Quisquam, quos.</p>
         <a href="book.php" class="btn">Book Now</a>
      </div>

   </div>
</div>

<div class="load-more">
   <a href="package.php" class="btn">Load More</a>
</div>

</section>
<!-- home packages section Ends -->

<!-- Footer Section -->
<section class="footer">
   <div class="box-container">
      <!-- Quick Links -->
      <div class="box">
         <h3>Quick Links</h3>
         <a href="home.php"><i class="fas fa-angle-right"></i>Home</a>
         <a href="about.php"><i class="fas fa-angle-right"></i>About</a>
         <a href="package.php"><i class="fas fa-angle-right"></i>Package</a>
         <a href="book.php"><i class="fas fa-angle-right"></i>Book</a>
      </div>

      <!-- Extra Links -->
      <div class="box">
         <h3>Extra Links</h3>
         <a href="#"><i class="fas fa-angle-right"></i>Ask Questions</a>
         <a href="#"><i class="fas fa-angle-right"></i>About Us</a>
         <a href="#"><i class="fas fa-angle-right"></i>Privacy Policy</a>
         <a href="#"><i class="fas fa-angle-right"></i>Terms of Use</a>
      </div>

      <!-- Contact Info -->
      <div class="box">
         <h3>Contact Info</h3>
         <a href="#"><i class="fas fa-phone"></i>+91 87912 97395</a>
         <a href="#"><i class="fas fa-envelope"></i>adityatomar5122@gmail.com</a>
         <a href="#"><i class="fas fa-map"></i>Dehradun, Uttarakhand, India</a>
      </div>

   </div>

   <!-- Credit Section -->
   <div class="credit">
      <p>Created by <span>Aditya Tomar</span> | All Rights Reserved!</p>
   </div>
```

```
    </section>
    <!-- Footer Section Ends -->

    <!-- Swiper js link -->
    <script src="https://cdn.jsdelivr.net/npm/swiper@11/swiper-bundle.min.js"></script>

    <!-- Custom js file -->
    <script src="js/script.js"></script>

</body>

</html>
```

book.php
```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Package</title>

    <!-- Font Awesome cdn link -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.7.2/css/all.min.css">

    <!-- Custom CSS link -->
    <link rel="stylesheet" href="css/style.css">

    <!-- Swiper CSS link -->
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/swiper@11/swiper-bundle.min.css"/>

</head>

<body>

    <!-- Header Section -->
     <section class="header">
       <a href="home.php" class="logo">Trekk.in</a>

       <nav class="navbar">
         <a href="home.php">Home</a>
         <a href="about.php">About</a>
         <a href="package.php">Package</a>
         <a href="book.php">Book</a>
       </nav>

       <div id="menu-btn" class="fas fa-bars"></div>

     </section>
    <!-- Header Section Ends -->

    <!-- Heading Section -->
    <div class="heading" style="background: url(images/packages-header-bg.jpg) no-repeat">
      <h1>Packages</h1>
    </div>
    <!-- Heading Section Ends -->
```

```html
<!-- Packages Section -->
<section class="packages">
  <h1 class="heading-title">Top Destinations</h1>

  <div class="box-container">

    <!-- Box 1 -->
    <div class="box">
      <div class="image">
        <img src="images/package-1.jpg" alt="">
      </div>
      <div class="content">
        <h3>Adventure & Tour</h3>
        <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Quisquam, quos.</p>
        <a href="book.php" class="btn">Book Now</a>
      </div>
    </div>

    <!-- Box 2 -->
    <div class="box">
      <div class="image">
        <img src="images/package-2.jpg" alt="">
      </div>
      <div class="content">
        <h3>Adventure & Tour</h3>
        <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Quisquam, quos.</p>
        <a href="book.php" class="btn">Book Now</a>
      </div>
    </div>

    <!-- Box 3 -->
    <div class="box">
      <div class="image">
        <img src="images/package-3.jpg" alt="">
      </div>
      <div class="content">
        <h3>Adventure & Tour</h3>
        <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Quisquam, quos.</p>
        <a href="book.php" class="btn">Book Now</a>
      </div>
    </div>

    <!-- Box 4 -->
    <div class="box">
      <div class="image">
        <img src="images/package-4.jpg" alt="">
      </div>
      <div class="content">
        <h3>Adventure & Tour</h3>
        <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Quisquam, quos.</p>
        <a href="book.php" class="btn">Book Now</a>
      </div>
    </div>

    <!-- Box 5 -->
```

```html
<div class="box">
   <div class="image">
      <img src="images/package-5.jpg" alt="">
   </div>
   <div class="content">
      <h3>Adventure & Tour</h3>
      <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Quisquam, quos.</p>
      <a href="book.php" class="btn">Book Now</a>
   </div>
</div>

<!-- Box 6 -->
<div class="box">
   <div class="image">
      <img src="images/package-6.jpg" alt="">
   </div>
   <div class="content">
      <h3>Adventure & Tour</h3>
      <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Quisquam, quos.</p>
      <a href="book.php" class="btn">Book Now</a>
   </div>
</div>

<!-- Box 7 -->
<div class="box">
   <div class="image">
      <img src="images/package-7.jpg" alt="">
   </div>
   <div class="content">
      <h3>Adventure & Tour</h3>
      <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Quisquam, quos.</p>
      <a href="book.php" class="btn">Book Now</a>
   </div>
</div>

<!-- Box 8 -->
<div class="box">
   <div class="image">
      <img src="images/package-8.jpg" alt="">
   </div>
   <div class="content">
      <h3>Adventure & Tour</h3>
      <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Quisquam, quos.</p>
      <a href="book.php" class="btn">Book Now</a>
   </div>
</div>

<!-- Box 9 -->
<div class="box">
   <div class="image">
      <img src="images/package-9.jpg" alt="">
   </div>
   <div class="content">
      <h3>Adventure & Tour</h3>
      <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Quisquam, quos.</p>
      <a href="book.php" class="btn">Book Now</a>
```

```
            </div>
        </div>

    </div>

    <div class="load-more"><span class="btn">Load More</span></div>

 </section>
<!-- Packages Section Ends -->

<!-- Footer Section -->
<section class="footer">
    <div class="box-container">
        <!-- Quick Links -->
        <div class="box">
            <h3>Quick Links</h3>
            <a href="home.php"><i class="fas fa-angle-right"></i>Home</a>
            <a href="about.php"><i class="fas fa-angle-right"></i>About</a>
            <a href="package.php"><i class="fas fa-angle-right"></i>Package</a>
            <a href="book.php"><i class="fas fa-angle-right"></i>Book</a>
        </div>

        <!-- Extra Links -->
        <div class="box">
            <h3>Extra Links</h3>
            <a href="#"><i class="fas fa-angle-right"></i>Ask Questions</a>
            <a href="#"><i class="fas fa-angle-right"></i>About Us</a>
            <a href="#"><i class="fas fa-angle-right"></i>Privacy Policy</a>
            <a href="#"><i class="fas fa-angle-right"></i>Terms of Use</a>
        </div>

        <!-- Contact Info -->
        <div class="box">
            <h3>Contact Info</h3>
            <a href="#"><i class="fas fa-phone"></i>+91 87912 97395</a>
            <a href="#"><i class="fas fa-envelope"></i>adityatomar5122@gmail.com</a>
            <a href="#"><i class="fas fa-map"></i>Dehradun, Uttarakhand, India</a>
        </div>

    </div>

    <!-- Credit Section -->
    <div class="credit">
        <p>Created by <span>Aditya Tomar</span> | All Rights Reserved!</p>
    </div>

</section>
<!-- Footer Section Ends -->

<!-- Swiper js link -->
<script src="https://cdn.jsdelivr.net/npm/swiper@11/swiper-bundle.min.js"></script>

<!-- Custom js file -->
<script src="js/script.js"></script>

</body>
```

</html>

about.php
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>About</title>

    <!-- Font Awesome cdn link -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.7.2/css/all.min.css">

    <!-- Custom CSS link -->
    <link rel="stylesheet" href="css/style.css">

    <!-- Swiper CSS link -->
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/swiper@11/swiper-bundle.min.css"/>

</head>

<body>

    <!-- Header Section -->
    <section class="header">
        Trekk.in

        <nav class="navbar">
            Home
            About
            Package
            Book
        </nav>

        <div id="menu-btn" class="fas fa-bars"></div>

    </section>
    <!-- Header Section Ends -->

    <!-- Heading Section -->
    <div class="heading" style="background: url(images/about-header-bg.jpg) no-repeat">
        <h1>About Us</h1>
    </div>
    <!-- Heading Section Ends -->

    <!-- About Section -->
    <section class="about">
        <div class="image">
            <img src="images/about-img.jpg" alt="">
        </div>

        <div class="content">
            <h3>Why Choose Us?</h3>
            <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Quisquam, quos.</p>

```html
<p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Quisquam, quos.</p>
<div class="icons-container">
    <div class="icons">
        <i class="fas fa-map"></i>
        <span>Top Destinations</span>
    </div>
    <div class="icons">
        <i class="fas fa-hand-holding-usd"></i>
        <span>Affordable Price</span>
    </div>
    <div class="icons">
        <i class="fas fa-headset"></i>
        <span>24/7 Support</span>
    </div>
</div>
</div>
</section>
<!-- About Section Ends -->

<!-- Footer Section -->
<section class="footer">
    <div class="box-container">
        <!-- Quick Links -->
        <div class="box">
            <h3>Quick Links</h3>
            <a href="home.php"><i class="fas fa-angle-right"></i>Home</a>
            <a href="about.php"><i class="fas fa-angle-right"></i>About</a>
            <a href="package.php"><i class="fas fa-angle-right"></i>Package</a>
            <a href="book.php"><i class="fas fa-angle-right"></i>Book</a>
        </div>

        <!-- Extra Links -->
        <div class="box">
            <h3>Extra Links</h3>
            <a href="#"><i class="fas fa-angle-right"></i>Ask Questions</a>
            <a href="#"><i class="fas fa-angle-right"></i>About Us</a>
            <a href="#"><i class="fas fa-angle-right"></i>Privacy Policy</a>
            <a href="#"><i class="fas fa-angle-right"></i>Terms of Use</a>
        </div>

        <!-- Contact Info -->
        <div class="box">
            <h3>Contact Info</h3>
            <a href="#"><i class="fas fa-phone"></i>+91 87912 97395</a>
            <a href="#"><i class="fas fa-envelope"></i>adityatomar5122@gmail.com</a>
            <a href="#"><i class="fas fa-map"></i>Dehradun, Uttarakhand, India</a>
        </div>

    </div>

    <!-- Credit Section -->
    <div class="credit">
        <p>Created by <span>Aditya Tomar</span> | All Rights Reserved!</p>
    </div>

</section>
```

```
<!-- Footer Section Ends -->

<!-- Swiper js link -->
<script src="https://cdn.jsdelivr.net/npm/swiper@11/swiper-bundle.min.js"></script>

<!-- Custom js file -->
<script src="js/script.js"></script>

</body>

</html>
```

book.php
```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Book Now</title>

    <!-- Font Awesome cdn link -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.7.2/css/all.min.css">

    <!-- Custom CSS link -->
    <link rel="stylesheet" href="css/style.css">

    <!-- Swiper CSS link -->
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/swiper@11/swiper-bundle.min.css"/>

</head>

<body>

    <!-- Header Section -->
     <section class="header">
        <a href="home.php" class="logo">Trekk.in</a>

        <nav class="navbar">
            <a href="home.php">Home</a>
            <a href="about.php">About</a>
            <a href="package.php">Package</a>
            <a href="book.php">Book</a>
        </nav>

        <div id="menu-btn" class="fas fa-bars"></div>

     </section>
    <!-- Header Section Ends -->

    <!-- Heading Section -->
    <div class="heading" style="background: url(images/book-header-bg.jpg) no-repeat">
        <h1>Book Now</h1>
    </div>
    <!-- Heading Section Ends -->
```

```html
<!-- Booking Section -->
<section class="booking">
   <h1 class="heading-title">Book Your Favorite Package</h1>
   <form action="book_form.php" class="book-form" method="post">
      <div class="flex">
         <div class="inputBox">
            <span>Name</span>
            <input type="text" placeholder="Enter Your Name" name="name">
         </div>
         <div class="inputBox">
            <span>Email</span>
            <input type="email" placeholder="Enter Your Email" name="email">
         </div>
         <div class="inputBox">
            <span>Phone</span>
            <input type="number" placeholder="Enter Your Phone Number" name="phone">
         </div>
         <div class="inputBox">
            <span>Address</span>
            <input type="text" placeholder="Enter Your Address" name="address">
         </div>
         <div class="inputBox">
            <span>When to go</span>
            <input type="date" placeholder="Enter When to go" name="when">
         </div>
         <div class="inputBox">
            <span>How many people</span>
            <input type="number" placeholder="Number of People" name="guests">
         </div>
      </div>

      <input type="submit" value="Submit" class="btn" name="send">

   </form>
</section>
<!-- Booking Section Ends -->

<!-- Footer Section -->
<section class="footer">
   <div class="box-container">
      <!-- Quick Links -->
      <div class="box">
         <h3>Quick Links</h3>
         <a href="home.php"><i class="fas fa-angle-right"></i>Home</a>
         <a href="about.php"><i class="fas fa-angle-right"></i>About</a>
         <a href="package.php"><i class="fas fa-angle-right"></i>Package</a>
         <a href="book.php"><i class="fas fa-angle-right"></i>Book</a>
      </div>

      <!-- Extra Links -->
      <div class="box">
         <h3>Extra Links</h3>
         <a href="#"><i class="fas fa-angle-right"></i>Ask Questions</a>
         <a href="#"><i class="fas fa-angle-right"></i>About Us</a>
         <a href="#"><i class="fas fa-angle-right"></i>Privacy Policy</a>
         <a href="#"><i class="fas fa-angle-right"></i>Terms of Use</a>
```

```html
        </div>

        <!-- Contact Info -->
        <div class="box">
          <h3>Contact Info</h3>
          <a href="#"><i class="fas fa-phone"></i>+91 87912 97395</a>
          <a href="#"><i class="fas fa-envelope"></i>adityatomar5122@gmail.com</a>
          <a href="#"><i class="fas fa-map"></i>Dehradun, Uttarakhand, India</a>
        </div>

    </div>

    <!-- Credit Section -->
    <div class="credit">
      <p>Created by <span>Aditya Tomar</span> | All Rights Reserved!</p>
    </div>

  </section>
  <!-- Footer Section Ends -->

  <!-- Swiper js link -->
  <script src="https://cdn.jsdelivr.net/npm/swiper@11/swiper-bundle.min.js"></script>

  <!-- Custom js file -->
  <script src="js/script.js"></script>

</body>

</html>
```

book_form.php
```php
<?php
$connection = mysqli_connect('localhost', 'root', '', 'book_db');


if(isset($_POST['send'])){
   $name = $_POST['name'];
   $email = $_POST['email'];
   $phone = $_POST['phone'];
   $address = $_POST['address'];
   $when = $_POST['when'];
   $guests = $_POST['guests'];

   if($connection->connect_error){
      die('Connection failed: ' . $connection->connect_error);
   } else {
        $stmt = $connection->prepare("INSERT INTO book_form (`name`, `email`, `phone`, `address`, `when`, `guests`) VALUES (?, ?, ?, ?, ?, ?)");

      if($stmt === false) {
         die('Prepare failed: ' . $connection->error);
      }

      $stmt->bind_param("sssssi", $name, $email, $phone, $address, $when, $guests);

      if($stmt->execute()) {
```

```php
            echo "Booking successful";
        } else {
            echo "Error: " . $stmt->error;
        }

        $stmt->close();
        $connection->close();
    }
}
?>
```

style.css
```css
@import url('https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600;700&display=swap');

:root {
    --main-color:#8e44ad;
    --black:#222;
    --white:#fff;
    --light-black:#777;
    --light-white:#fff9;
    --light-main-color:#e8c5f7;
    --dark-bg:rgba(0,0,0,.7);
    --light-bg:rgb(226, 226, 226);
    --border:.1rem solid var(--black);
    --box-shadow:0 .5rem 1rem rgba(0,0,0,.1);
    --text-shadow:0 1.5rem 3rem rgba(0,0,0,.3);

}

* {
    font-family: 'Poppins', sans-serif;
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    outline: none;
    border: none;
    text-decoration: none;
    text-transform: capitalize;
}

html {
    font-size: 62.5%;
    overflow-x: hidden;
}

html::-webkit-scrollbar {
    width: 1rem;
}

html::-webkit-scrollbar-track {
    background-color: var(--white);
}

html::-webkit-scrollbar-thumb {
    background-color: var(--main-color);
}
```

```css
section {
   padding: 5rem 10%;
}

@keyframes fadeIn{
   0%{
      transform: scale(0);
      opacity: 0;
   }
}

.heading{
   background-size: cover !important;
   background-position: center !important;
   min-height: 20rem !important;
   padding-top: 10rem;
   padding-bottom: 15rem;
   align-items: center;
   justify-content: center;
   display: flex;
}

.heading h1{
   font-size: 10rem;
   text-transform: uppercase;
   color: var(--white);
   text-shadow: var(--text-shadow);
}

.btn{
   display: inline-block;
   margin-top: 1rem;
   background: var(--black);
   color: var(--white);
   font-size: 1.7rem;
   padding: 1rem 3rem;
   cursor: pointer;
   border-radius: .5rem;
}

.btn:hover{
   background: var(--main-color);
}

.header {
   position: sticky;
   top: 0;
   left: 0;
   right: 0;
   z-index: 1000;
   background-color: var(--white);
   display: flex;
   padding-top: 2rem;
   padding-bottom: 2rem;
   align-items: center;
```

```css
   justify-content: space-between;
   box-shadow: var(--box-shadow);
}

.header .logo {
   font-size: 2.5rem;
   color: var(--black);
}

.header .navbar a {
   font-size: 2rem;
   color: var(--black);
   margin-left: 2rem;
}

.header .navbar a:hover {
   color: var(--main-color);
}

#menu-btn {
   font-size: 2.5rem;
   color: var(--black);
   cursor: pointer;
   display: none;
}

.home{
   padding: 0;
}

.home .slide{
   text-align: center;
   padding: 2rem;
   display: flex;
   align-items: center;
   justify-content: center;
   background-size: cover !important;
   background-position: center !important;
   min-height: 60rem !important;
}

.home .slide .content{
   width: 85rem;
   text-align: center;
   display: none;
}

.home .swiper-slide-active .content{
   display: inline-block;
}

.home .slide .content span{
   display: block;
   font-size: 3rem;
   color: var(--light-white);
   padding-bottom: 1rem;
```

```css
   text-shadow: var(--text-shadow);
   animation: fadeIn .2s linear backwards .2s;
}

.home .slide .content h3{
   font-size: 6vw;
   color: var(--white);
   text-transform: uppercase;
   line-height: 1;
   text-shadow: var(--text-shadow);
   padding: 1rem 0;
   animation: fadeIn .2s linear backwards .4s;
}

.home .slide .content .btn{
   animation: fadeIn .2s linear backwards .6s;
}

.home .swiper-button-next,
.home .swiper-button-prev{
   top: inherit;
   left: inherit;
   bottom: 0;
   right: 0;
   height: 7rem;
   width: 7rem;
   background: var(--white);
   color: var(--black);
}

.home .swiper-button-next:hover,
.home .swiper-button-prev:hover{
   background: var(--main-color);
   color: var(--white);
}

.home .swiper-button-next::after,
.home .swiper-button-prev::after{
   font-size: 2rem;
}

.home .swiper-button-prev{
   right: 7rem;
}

.heading-title{
   text-align: center;
   font-size: 3.5rem;
   color: var(--black);
   margin-bottom: 5rem;
}

.services .box-container{
   display: grid;
   grid-template-columns: repeat(auto-fit, minmax(16rem, 1fr));
   gap: 1.5rem;
```

```css
}

.services .box-container .box{
   padding: 3rem 2rem;
   text-align: center;
   background: var(--main-color);
   border-radius: .5rem;
   box-shadow: var(--box-shadow);
}

.services .box-container .box img{
   height: 7rem;
   margin-bottom: 1rem;
   filter: invert(1);
}

.services .box-container .box h3{
   font-size: 2rem;
   color: var(--white);
}

.services .box-container .box:hover{
   background: var(--light-main-color);
}

.services .box-container .box:hover img{
   filter: invert(0);
}

.services .box-container .box:hover h3,
.services .box-container .box:hover p{
   color: var(--black);
}


.home-about{
   display: flex;
   align-items: center;
   flex-wrap: wrap;
}

.home-about .image{
   flex: 0 1 40rem;
}

.home-about .image img{
   width: 100%;
}

.home-about .content{
   flex: 1 1 41rem;
   padding: 3rem;
   background: var(--light-bg);
}

.home-about .content h3{
```

```css
        font-size: 3rem;
        color: var(--black);
}

.home-about .content p{
        font-size: 1.6rem;
        padding: 1rem 0;
        line-height: 2;
        color: var(--black);
}

.home-packages{
        background: var(--light-bg);
}

.home-packages .box-container{
        display: grid;
        grid-template-columns: repeat(auto-fit, minmax(30rem, 1fr));
        gap: 2rem;
}

.home-packages .box-container .box{
        border: var(--border);
        box-shadow: var(--box-shadow);
        background: var(--white);
        border-radius: .5rem;
        overflow: hidden;
        position: relative;
}

.home-packages .box-container .box .image{
        height: 25rem;
        overflow: hidden;
}

.home-packages .box-container .box .image img{
        height: 100%;
        width: 100%;
        object-fit: cover;
}

.home-packages .box-container .box .image img:hover{
        transform: scale(1.2);
        transition: 0.5s linear;
}

.home-packages .box-container .box .content{
        padding: 2rem;
        text-align: center;
}

.home-packages .box-container .box .content h3{
        font-size: 2rem;
        color: var(--black);
}
```

```css
.home-packages .box-container .box .content p{
   font-size: 1.5rem;
   color: var(--light-black);
   padding: 1rem 0;
   line-height: 2;
}

.home-packages .box-container .box .content .btn{
   margin-top: 1rem;
}

.home-packages .load-more{
   text-align: center;
   margin-top: 2rem;
}

.about{
   display: flex;
   align-items: center;
   flex-wrap: wrap;
   gap: 3rem;
}

.about .image{
   flex: 1 1 40rem;
}

.about .image img{
   width: 100%;
}

.about .content{
   flex: 1 1 41rem;
   padding: 3rem;
   background: var(--light-bg);
}

.about .content h3{
   font-size: 3rem;
   color: var(--black);
}

.about .content p{
   font-size: 1.6rem;
   padding: 1rem 0;
   line-height: 2;
   color: var(--light-black);
}

.about .icons-container{
   display: grid;
   grid-template-columns: repeat(auto-fit, minmax(16rem, 1fr));
   gap: 1.5rem;
   margin-top: 2rem;
   margin-bottom: 2rem;
   align-items: flex-start;
```

```
     justify-content: flex-start;
     flex-wrap: wrap;
     gap: 1.5rem;
     padding: 2rem;
     background: var(--light-bg);
     border-radius: .5rem;
     box-shadow: var(--box-shadow);
}

.about .icons-container .icons{
     padding: 2rem;
     background: var(--white);
     border-radius: .5rem;
     box-shadow: var(--box-shadow);
     display: flex;
     align-items: center;
     gap: 1.5rem;
     margin-bottom: 1rem;
     margin-top: 1rem;
     justify-content: flex-start;
     flex-wrap: wrap;
     gap: 1.5rem;
     padding: 2rem;
     background: var(--light-bg);
     border-radius: .5rem;
     box-shadow: var(--box-shadow);
}

.about .icons-container .icons i{
     font-size: 2rem;
     color: var(--main-color);
     padding-right: 0.5rem;
     transition: 0.2s linear;
}

.about .icons-container .icons:hover i{
     transform: scale(1.2);
     transition: 0.2s linear;
     color: var(--black);
     background: var(--light-main-color);
     border-radius: .5rem;
     padding: 1rem;
     box-shadow: var(--box-shadow);
     cursor: pointer;
}


.packages .box-container{
     display: grid;
     grid-template-columns: repeat(auto-fit, minmax(30rem, 1fr));
     gap: 2rem;
}

.packages .box-container .box{
     border: var(--border);
     box-shadow: var(--box-shadow);
```

```css
    background: var(--white);
    border-radius: .5rem;
    overflow: hidden;
    position: relative;
    display: none;
}

.packages .box-container .box:nth-child(1),
.packages .box-container .box:nth-child(2),
.packages .box-container .box:nth-child(3),
.packages .box-container .box:nth-child(4),
.packages .box-container .box:nth-child(5),
.packages .box-container .box:nth-child(6){
    display: inline-block;
}

.packages .box-container .box .image{
    height: 25rem;
    overflow: hidden;
}

.packages .box-container .box .image img{
    height: 100%;
    width: 100%;
    object-fit: cover;
}

.packages .box-container .box .image img:hover{
    transform: scale(1.2);
    transition: 0.5s linear;
}

.packages .box-container .box .content{
    padding: 2rem;
    text-align: center;
}

.packages .box-container .box .content h3{
    font-size: 2rem;
    color: var(--black);
}

.packages .box-container .box .content p{
    font-size: 1.5rem;
    color: var(--light-black);
    padding: 1rem 0;
    line-height: 2;
}

.packages .box-container .box .content .btn{
    margin-top: 1rem;
}

.packages .load-more{
    text-align: center;
    margin-top: 2rem;
```

```css
}

.booking .book-form{
   background: var(--light-bg);
   padding: 2rem;
   border-radius: .5rem;
   box-shadow: var(--box-shadow);
}

.booking .book-form .flex{
   display: flex;
   gap: 2rem;
   flex-wrap: wrap;
}

.booking .book-form .inputBox{
   flex: 1 1 40rem;
}

.booking .book-form .inputBox input{
   width: 100%;
   padding: 1.2rem 1.4rem;
   font-size: 1.6rem;
   color: var(--light-black);
   text-transform: none;
   margin-top: 1.5rem;
   border: var(--border);
   border-radius: .5rem;
}

.booking .book-form .inputBox input:focus{
   background: var(--black);
   color: var(--white);
}

.booking .book-form .inputBox input:focus::placeholder{
   color: var(--light-white);
}

.booking .book-form .inputBox span{
   font-size: 2rem;
   color: var(--light-black);
}

.booking .book-form .btn{
   margin-top: 2rem;
}



.footer{
   background: var(--main-color);
   background-size: cover;
   background-position: center;
}
```

```css
.footer .box-container{
   display: grid;
   grid-template-columns: repeat(auto-fit, minmax(25rem, 1fr));
   gap: 3rem;
}

.footer .box-container .box h3{
   color: var(--white);
   font-size: 2rem;
   padding-bottom: 2rem;
}

.footer .box-container .box a{
   color: var(--light-white);
   font-size: 1.5rem;
   padding: 1.5rem;
   display: block;
}

.footer .box-container .box a i{
   color: var(--main-color);
   padding-right: 0.5rem;
   transition: 0.2s linear;
}

.footer .box-container .box a:hover i{
   padding-right: 2rem;
}

.footer .credit{
   color: var(--white);
   text-align: center;
   padding-top: 3rem;
   margin-top: 3rem;
   border-top: 0.1rem solid var(--light-white);
   font-size: 2rem;
}

.footer .credit span{
   color: var(--light-white);
   font-weight: bold;
}




/* media queries */

@media (max-width:1200px){

   section{
      padding: 3rem 5%;
   }
```

```css
}

@media (max-width:991px){

    html{
        font-size: 55%;
    }

    section{
        padding: 3rem 2rem;
    }

    .home .slide .content h3{
        font-size: 10vw;
    }

}

@media (max-width:768px){

    #menu-btn {
        display: inline-block;
        transition: .2s linear;
    }

    #menu-btn.fa-times{
        transform: rotate(180deg);
    }

    .header .navbar{
        position: absolute;
        top: 99%; left: 0; right: 0;
        background-color: var(--white);
        padding: 2rem;
        transition: .2s linear;
        clip-path: polygon(0 0, 100% 0, 100% 0, 0 0);
    }

    .header .navbar.active{
        clip-path: polygon(0 0, 100% 0, 100% 100%, 0 100%);
    }

    .header .navbar a{
        display: block;
        margin: 2rem;
        text-align: center;
    }

}

@media (max-width:450px){

    html{
        font-size: 50%;
    }
}
```

```css
    .heading-title{
        font-size: 2.5rem;
    }

}
```

script.js
```javascript
let menuBtn = document.querySelector('#menu-btn');
let navbar = document.querySelector('.header .navbar');

menuBtn.addEventListener('click', () => {
    navbar.classList.toggle('active');
    menuBtn.classList.toggle('fa-times');
});

window.onscroll = () => {
    navbar.classList.remove('active');
    menuBtn.classList.remove('fa-times');
};

var swiper = new Swiper(".home-slider", {
    loop: true,
    navigation: {
        nextEl: ".swiper-button-next",
        prevEl: ".swiper-button-prev",
    },
});

let loadMoreBtn = document.querySelector('.packages .load-more .btn');
let currentItem = 3;

loadMoreBtn.onclick = () =>{
    let boxes = [...document.querySelectorAll('.packages .box-container .box')];
    for (var i = currentItem; i < currentItem + 3; i++){
        boxes[i].style.display = 'inline-block';
    };
    currentItem += 3;
    if(currentItem >= boxes.length){
        loadMoreBtn.style.display = 'none';
    }
}
```

BIBLIOGRAPHY

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