**Case Study 2: “EcoTour – Explore Nature”**

**Type:** Single Page Application (SPA)

**Tech:** HTML5, CSS3

**Features:**

**1. Header & Branding** – Logo and site title.

**2. Navigation Bar** – Sticky nav using <nav> with internal section links (#about,

#gallery, #contact).

**3. Hero Section** – Full-width banner image.

**4. About Section** – Describes the purpose of the site.

**5. Image Gallery** – Grid layout for travel images.

**6. Contact Form** – HTML5 form validation with radio buttons.

**7. Social Media Links** – Icon links in the footer.

**8. CSS3 Box Model & Positioning** – Used for clean layout.

**9. Responsive Design** – Media queries for small screens.

**index.html**

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8" />

  <meta name="viewport" content="width=device-width, initial-scale=1.0"/>

  <title>EcoTour – Explore Nature</title>

  <link rel="stylesheet" href="style.css" />

</head>

<body>

  <!-- Header & Branding -->

  <header>

    <div class="branding">

      <img src="images/logo.png" alt="EcoTour Logo" class="logo" />

      <h1>EcoTour – Explore Nature</h1>

    </div>

    <nav class="sticky-nav">

      <a href="#about">About</a>

      <a href="#gallery">Gallery</a>

      <a href="#contact">Contact</a>

    </nav>

  </header>

  <!-- Hero Section -->

  <section class="hero">

    <h2>Discover the Beauty of Nature</h2>

  </section>

  <!-- About Section -->

  <section id="about" class="about">

    <h2>About EcoTour</h2>

    <p>EcoTour is dedicated to promoting eco-friendly travel experiences that bring you closer to nature. Join us in exploring forests, rivers, mountains, and natural habitats around the world—all while protecting the environment.</p>

  </section>

  <!-- Gallery Section -->

  <section id="gallery" class="gallery">

    <h2>Nature Gallery</h2>

    <div class="grid">

      <img src="C:\Users\shukr\Downloads\image1.jpeg" alt="Nature 1">

      <img src="C:\Users\shukr\Downloads\image2.jpeg" alt="Nature 2">

      <img src="C:\Users\shukr\Downloads\image3.jpeg" alt="Nature 3">

      <img src="C:\Users\shukr\Downloads\image4.jpeg" alt="Nature 4">

      <img src="C:\Users\shukr\Downloads\image5.jpeg" alt="Nature 5">

    </div>

  </section>

  <!-- Contact Section -->

  <section id="contact" class="contact">

    <h2>Contact Us</h2>

    <form>

      <label>Name:

        <input type="text" name="name" required />

      </label>

      <label>Email:

        <input type="email" name="email" required />

      </label>

      <p>Preferred Contact Method:</p>

      <label><input type="radio" name="contact" value="email" required> Email</label>

      <label><input type="radio" name="contact" value="phone"> Phone</label>

      <label>Message:

        <textarea name="message" rows="5" required></textarea>

      </label>

      <button type="submit">Send Message</button>

    </form>

  </section>

  <!-- Footer -->

  <footer>

    <p>Follow Us</p>

    <div class="social-icons">

      <a href="#"><img src="icons/facebook.svg" alt="Facebook" /></a>

      <a href="#"><img src="icons/twitter.svg" alt="Twitter" /></a>

      <a href="#"><img src="icons/instagram.svg" alt="Instagram" /></a>

    </div>

    <p>&copy; 2025 EcoTour. All rights reserved.</p>

  </footer>

</body>

</html>

**style.css**

\* {

  margin: 0;

  padding: 0;

  box-sizing: border-box;

}

body {

  font-family: 'Segoe UI', sans-serif;

  line-height: 1.6;

  background-color: #f5f5f5;

  color: #333;

}

/\* Header \*/

header {

  background-color: #2e8b57;

  color: white;

  padding: 20px;

  text-align: center;

}

.branding {

  display: flex;

  align-items: center;

  justify-content: center;

  gap: 15px;

}

.logo {

  height: 50px;

}

nav.sticky-nav {

  background-color: #3cb371;

  padding: 10px;

  position: sticky;

  top: 0;

  z-index: 1000;

}

nav.sticky-nav a {

  margin: 0 15px;

  color: white;

  text-decoration: none;

  font-weight: bold;

}

nav.sticky-nav a:hover {

  text-decoration: underline;

}

/\* Hero Section \*/

.hero {

  background: url('images/hero.jpg') no-repeat center center/cover;

  height: 300px;

  display: flex;

  justify-content: center;

  align-items: center;

  color: white;

  text-shadow: 1px 1px 4px rgba(0,0,0,0.8);

}

.hero h2 {

  font-size: 2.5rem;

}

/\* About \*/

.about, .contact, .gallery {

  padding: 40px 20px;

  max-width: 900px;

  margin: auto;

}

.about h2, .contact h2, .gallery h2 {

  margin-bottom: 20px;

  color: #2e8b57;

}

/\* Gallery \*/

.grid {

  display: grid;

  grid-template-columns: repeat(auto-fit, minmax(220px, 1fr));

  gap: 15px;

}

.grid img {

  width: 100%;

  height: 200px;

  object-fit: cover;

  border-radius: 8px;

}

/\* Contact Form \*/

form {

  background: white;

  padding: 20px;

  border-radius: 8px;

  box-shadow: 0 2px 6px rgba(0,0,0,0.1);

}

form label {

  display: block;

  margin: 15px 0 5px;

}

form input[type="text"],

form input[type="email"],

form textarea {

  width: 100%;

  padding: 10px;

  margin-top: 5px;

}

form input[type="radio"] {

  margin-right: 10px;

}

button {

  background-color: #2e8b57;

  color: white;

  padding: 10px 20px;

  border: none;

  margin-top: 15px;

  cursor: pointer;

  border-radius: 4px;

}

button:hover {

  background-color: #246c46;

}

/\* Footer \*/

footer {

  background-color: #3cb371;

  text-align: center;

  padding: 20px;

  color: white;

}

.social-icons {

  margin: 10px 0;

}

.social-icons a img {

  width: 24px;

  margin: 0 8px;

}

/\* Responsive Design \*/

@media (max-width: 600px) {

  .branding {

    flex-direction: column;

  }

  .hero h2 {

    font-size: 1.8rem;

    padding: 0 10px;

    text-align: center;

  }

  nav.sticky-nav a {

    display: inline-block;

    margin: 10px;

  }

  form {

    padding: 15px;

  }

}