**Responsive Web Design**

Project Title – Hotel Management system

**Submitted By –**

Vadhiya Arti N. - 236270307113

Seeda Puri - 236270307096

Solanki Bhumika - 236270307100

*A report submitted in partial fulfillment of the requirements for the Award of*

**DIPLOMA ENGINEERING**

***In***

**COMPUTER ENGINEERING**

**GOVERNMENT POLYTECHNIC, PORBANDAR**

**Gujarat Technological University, Ahmedabad**



**GOVERNMENT POLYTECHNIC**

**PORBANDAR**



***Certificate***

*This is to certify that Mr./Ms\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enrolment No:\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Of 3rd Semester Diploma course in Computer Engineering has satisfactorily completed his/her term work in Basic Operating System(4330703) from\_\_\_\_\_\_\_\_\_\_\_ to\_\_\_\_\_\_\_\_\_\_\_ in Government Polytechnic, Porbandar.*

***Date of Submission: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***Staff in charge*** ***Head of Department***

*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* \_\_

**GOVERNMENT POLYTECHNIC**

**PORBANDAR**



# VISION OF THE INSTITUTE

To emerge as a leading polytechnic having value based effective technical education system in the region to meet the future demand of industry and society.

# MISSION OF THE INSTITUTE

M1: To impart adequate technical skill and capability to accept challenges and to adopt rapidly changing scenario in technological development as well as to take up higher studies.

M2: Foster close networking with the industry, alumni and the guardians.

M3: Promote professional ethics and human values, integrity, accountability and transparency.

M4: Promote entrepreneurship practices to generate employment opportunities.

M5: Create conductive academic environment.

**GOVERNMENT POLYTECHNIC PORBANDAR**



**COMPUTER ENGINEERING**

**DEPARTMENT**

# VISION OF THE DEPARTMENT

To achieve excellence in Computer Engineering by imparting technical and problem solving skills along with ethical value to meet industrial requirements having social and environmental concerns.

# MISSION OF THE DEPARTMENT

M1: To provides a learning ambiance to enhance discipline knowledge, technical skill and problem solving skill.

M2: To motivates students for lifelong learning to adapt challenges in rapidly changing technology.

M3: To induces ethical values and spirit of social commitment.

M4: To provide opportunities to promote leadership skill required in Computer Engineering industry’s diverse culture.

**COURSE OUTCOMES (COs)**

**CO1**: Differentiate operating systems based on their features.

**CO2:** Apply scheduling algorithms to calculate turnaround time and average waiting time.

**CO3:** Interpret various memory management techniques.

**CO4**: Apply File management techniques.

**CO5**: Execute basic Linux commands and Shell scripts.

# Table of Contents

|  |  |  |
| --- | --- | --- |
| **INDEX** | | |
| NO. | TOPIC | PAGE NO. |
| 1. | Introduction to our project | 7 |
| 2. | Objectives | 8 |
| 3. | Key Features | 9 |
| 4. | Technologies Used | 10 |
| 5. | Basic Structure | 11 |
| 6. | Source Code | 12 |
| 7. | Coding | 13 |
| 8. | Output | 22 |

**1.Introduction to Our Project !**

* A Hotel Management System is a software application that helps in managing the hotel operations, including booking, check-in, check-out, and billing.
* The system can be developed using web technologies like HTML, CSS, and JavaScript for a user-friendly interface.
* Hotel management systems provide tailored solutions to keep your hotel business operating optimally.
* The software is optimised for the hospitality industry and operates as a central database for all hotel information.
* All necessary data is accessible to management and employees in one secure location.

**2. Objectives**

- To create a user-friendly interface for hotel management.

- To allow users to book rooms, check availability, and manage their bookings.

- To provide an administrative interface for hotel staff to manage bookings and customer information.

-The primary objective of hotel management is to provide excellent customer service and ensure customer satisfaction.

- Hotels must create a welcoming and comfortable environment for guests and provide them with personalized services.

**3. Key Features**

1. **Room Booking**: Users can search for available rooms and make reservations.
2. **Check-in/Check-out**: Manage the check-in and check-out process for guests.
3. **Billing System**: Generate bills for guests based on their stay.
4. **User Management**: Admin can manage user accounts and bookings.

**4.Technologies Used**

HTML:

* HTML stands for Hyper Text Markup Language.
* HTML is the standard markup language for creating Web pages. HTML describes the structure of a Web page.
* HTML consists of a series of elements. HTML elements tell the browser how to display the content.

- CSS: For styling the web pages and making them visually appealing.

- JavaScript:For adding interactivity and functionality to the web pages.

Bootstrap :-

* Bootstrap is a powerful front-end framework for faster and easier web development.
* It includes HTML and CSS based design templates.
* It is used to creating common user interface components like forms, buttons, navigations, dropdowns, alerts, modals, tabs, accordions, carousels, tooltips, and so on.
* Bootstrap gives you ability to create flexible and responsive web layouts with much less efforts.
* Bootstrap was known as Twitter Blueprint

1. **Basic Structure**

* This system features number of managements that are integrated with one another, including user management, staff and supplier management, room and reservation management, and restaurant management.
* These enable the administrator to manage hotel resources with ease, which will improving the property's ratings.

### **6. MODULE DESCRIPTION**

#### **Home:**

This is the first page of the yog trainer website where you have an access to every part of the yog.

**About:**

This module provides some basic information about yoga trainer details and philosophy about yoga.

**Services:**

In this page, all the information about the services is given.

**Gallery:**

This page has all the information to our present in hotel.

**7.Coding**

!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Hotel Website</title>

    <link rel="icon" type="image/png" href="images/favicon.png">

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

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3" crossorigin="anonymous">

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-QWTKZyjpPEjISv5WaRU9OFeRpok6YctnYmDr5pNlyT2bRjXh0JMhjY6hW+ALEwIH" crossorigin="anonymous">

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N6jIeHz" crossorigin="anonymous"></script>

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.4/css/all.min.css" integrity="sha512-1ycn6IcaQQ40/MKBW2W4Rhis/DbILU74C1vSrLJxCq57o941Ym01SwNsOMqvEBFlcgUa6xLiPY/NS5R+E6ztJQ==" crossorigin="anonymous" referrerpolicy="no-referrer" />

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

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

</head>

<body data-bs-spy="scroll" data-bs-target=".navbar" data-bs-offset="100">

    <header class="header\_wrapper"></header>

      <nav class="navbar navbar-expand-lg bg-body-tertiary">

        <div class="container-fluid">

          <a class="navbar-brand" href="#">

            <img src="images/logo.png">

          </a>

          <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

          </button>

          <div class="collapse navbar-collapse justify-content-end" id="navbarNav">

            <ul class="navbar-nav menu-navbar-nav">

              <li class="nav-item">

                <a class="nav-link active" aria-current="page" href="#home">Home</a>

              </li>

              <li class="nav-item">

                <a class="nav-link" href="#about">About</a>

              </li>

              <li class="nav-item">

                <a class="nav-link" href="#rooms">Rooms</a>

              </li>

              <li class="nav-item">

                <a class="nav-link" href="#services">Services</a>

              </li>

              <li class="nav-item">

                <a class="nav-link" href="#team">Team</a>

              </li>

              <li class="nav-item">

                <a class="nav-link" href="#gallery">Gallery</a>

              </li>

              <li class="nav-item">

                <a class="nav-link" href="#price">Price</a>

              </li>

              <li class="nav-item">

                <a class="nav-link" href="#blog">Blog</a>

              </li>

              <li class="nav-item mt-3 mt-lg-0">

                <a class="main-btn" href="#">Book Now</a>

              </li>

            </ul>

          </div>

        </div>

      </nav>

    <section id="home" class="banner\_wrapper p-0">

    <div id="carouselExampleDark" class="carousel carousel-dark slide">

      <div class="carousel-indicators">

        <button type="button" data-bs-target="#carouselExampleDark" data-bs-slide-to="0" class="active" aria-current="true" aria-label="Slide 1"></button>

        <button type="button" data-bs-target="#carouselExampleDark" data-bs-slide-to="1" aria-label="Slide 2"></button>

      </div>

      <div class="carousel-inner">

        <div class="carousel-item active" data-bs-interval="10000">

          <img src="images/slider/slider2.jpg" class="d-block w-100" alt="...">

          <div class="carousel-caption d-none d-md-block">

            <div class="swiper-slide">

              <div class="slide-caption text-center" style="background-image: url(./images/slider/download\ \(1\).jpeg);">

                <h2 class="text-white justify-content-end">Welcome to hotel in india.</h2>

            <p class="text-white justify-content-end">Some representative placeholder content for the first slide.</p>

          </div>

        </div>

        </div>

        </div>

        <div class="carousel-item" data-bs-interval="2000">

          <img src="images/slider/slider1.jpg" class="d-block w-100" alt="...">

          <div class="carousel-caption d-none d-md-block">

            <div class="swiper-slide">

              <div class="slide-caption text-center" style="background-image: url(./images/slider/download\ \(1\).jpeg);">

            <h2 class="text-white justify-content-end" style="text-size-adjust: 75%;">Welcome to hotel in india.</h2  >

            <p class="text-white justify-content-end" >Some representative placeholder content for the second slide.</p>

          </div>

        </div>

        </div>

        </div>

      <button class="carousel-control-prev" type="button" data-bs-target="#carouselExampleDark" data-bs-slide="prev">

        <span class="carousel-control-prev-icon" aria-hidden="true"></span>

        <span class="visually-hidden">Previous</span>

      </button>

      <button class="carousel-control-next" type="button" data-bs-target="#carouselExampleDark" data-bs-slide="next">

        <span class="carousel-control-next-icon" aria-hidden="true"></span>

        <span class="visually-hidden">Next</span>

      </button>

    </div>

    </div>

    <div class="container booking-area">

      <form class="row">

        <div class="col-lg mb-3 mb-lg-0">

          <input type="date" class="form-control" placeholder="Date">

        </div>

        <div class="col-lg mb-3 mb-lg-0">

          <input type="date" class="form-control" placeholder="Date">

        </div>

        <div class="col-lg mb-3 mb-lg-0">

          <select class="form-select">

            <option selected>Adults</option>

            <option value="1">1</option>

            <option value="2">2</option>

            <option value="3">3</option>

            <option value="4">4</option>

            <option value="5">5</option>

            <option value="6">6</option>

          </select>

        </div>

        <div class="col-lg mb-3 mb-lg-0">

          <select class="form-select">

            <option selected>Children</option>

            <option value="1">1</option>

            <option value="2">2</option>

            <option value="3">3</option>

            <option value="4">4</option>

            <option value="5">5</option>

            <option value="6">6</option>

          </select>

        </div>

        <div class="col-lg mb-3 mb-lg-0">

          <button type="submit" class="main-btn rounded-2 px-lg-3">Check Availablity</button>

        </div>

      </form>

    </div>

    </section>

    <section id="about" class="about\_wrapper">

      <div class="container">

        <div class="row flex-lg-row flex-column-reverse">

          <div class="col-lg-6 text-center text-lg-start">

            <h3>Welcome to <span>Hotel <br class="d-none d-lg-block">

            the hevan </span> of your weekend</h3>

            <p>

              Lorem ipsum dolor sit amet consectetur adipisicing elit. Sint quas, dolores minus quisquam alias molestiae veniam, vitae hic omnis nesciunt iure eum molestias. Eaque, nostrum minima suscipit laboriosam laudantium animi?

            </p>

            <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Dicta odio unde nam distinctio modi praesentium eligendi molestiae. Nostrum iure repellendus reiciendis saepe! Aperiam animi consectetur exercitationem quae fugit totam unde?</p>

              <a href="#" class="main-btn mt-4">Explore</a>

          </div>

          <div class="col-lg-6 mb-4 mb-lg-0 ps-lg-4 text-center">

            <img src="images/about-img.svg" class="img-fluid" alt="about">

          </div>

        </div>

      </div>

    </section>

    <section id="rooms" class="rooms\_wrapper">

      <div class="consectetur-fluid">

        <div class="row">

          <div class="col-sm-12 section-title text-center mb-5">

            <h6>What I Can do for you</h6>

            <h3>Our Favorite Rooms</h3>

          </div>

        </div>

        <div class="row m-0">

          <div class="col-md-4 mb-4 mb-lg-0">

            <div class="room-items">

              <img src="./images/room/room1.webp" class="img-fluid">

              <div class="room-item-wrap">

                <div class="room-content">

                  <h5 class="text-white mb-lg-5 text-decoration-underline ">Royal Suit</h5>

                  <p class="text-white">Discover five of our favourite dresses from our new collacation that are destined to be worn and loved immediately.</p>

                  <p class="text-white fw-bold mt-lg-4">$220/Per Night</p>

                  <a class="main-btn border-white mt-lg-5" href="#">Book Now</a>

                </div>

              </div>

            </div>

          </div>

          <div class="col-md-4 mb-4 mb-lg-0">

            <div class="room-items">

              <img src="./images/room/room2.webp" class="img-fluid">

              <div class="room-item-wrap">

                <div class="room-content">

                  <h5 class="text-white mb-lg-5 text-decoration-underline ">Family Suit</h5>

                  <p class="text-white">Discover five of our favourite dresses from our new collacation that are destined to be worn and loved immediately.</p>

                  <p class="text-white fw-bold mt-lg-4">$500/Per Night</p>

                  <a class="main-btn border-white mt-lg-5" href="#">Book Now</a>

                </div>

              </div>

            </div>

          </div>

          <div class="col-md-4 mb-4 mb-lg-0">

            <div class="room-items">

              <img src="./images/room/room3.webp" class="img-fluid">

              <div class="room-item-wrap">

                <div class="room-content">

                  <h5 class="text-white mb-lg-5 text-decoration-underline ">Deluxe Room</h5>

                  <p class="text-white">Discover five of our favourite dresses from our new collacation that are destined to be worn and loved immediately.</p>

                  <p class="text-white fw-bold mt-lg-4">$300/Per Night</p>

                  <a class="main-btn border-white mt-lg-5" href="#">Book Now</a>

                </div>

              </div>

            </div>

          </div>

        </div>

      </div>

    </section>

    <section id="services" class="Services\_wrapper" >

      <div class="container">

        <div class="row">

          <div class="col-sm-12 section-title text-center mb-5">

            <h6>We are for you.</h6>

            <h3>Our Awesome Services.</h3>

          </div>

        </div>

        <div class="row align-items-center service-item-wrap">

          <div class="col-lg-7 p-lg-0">

            <div class="tab-content" id="myTabContent">

              <div class="tab-pane fade show active" id="spa" role="tabpanel">

                <img src="images/services/service1.webp">

              </div>

              <div class="tab-pane fade" id="resturent" role="tabpanel">

                <img src="images/services/service2.webp">

              </div>

              <div class="tab-pane fade" id="swimming" role="tabpanel">

                <img src="images/services/service3.webp">

              </div>

              <div class="tab-pane fade" id="conference" role="tabpanel">

                <img src="images/services/service6.webp">

              </div>

            </div>

          </div>

          <div class="col-lg-5 position-relative">

            <div class="service-menu-area">

              <ul class="nav">

                <li>

                  <a data-bs-toggle="tab" href="#spa" class="active">

                    <span class="service-icon">

                      <img src="./images/services/service-icon1.webp" alt="">

                    </span>

                    <h5>Spa , Beauty & Health</h5>

                    <p><span>Spa and Beauty</span>Luoatem Quia Voluptes sit aspernatur aut odit aut

                    odit aut

                          fugit,sed quia</p>

                  </a>

                </li>

                <li>

                  <a data-bs-toggle="tab" href=" #resturent">

                    <span class="service-icon">

                      <img src="./images/services/service-icon2.webp" alt="">

                    </span>

                    <h5>Restaurent</h5>

                    <p><span>Restaurent</span>Lup provide grro tatem quia volupats sit

                    aspernatur aut

                             odit aut fugit</p>

                  </a>

                </li>

                <li>

                  <a data-bs-toggle="tab" href=" #swimming">

                    <span class="service-icon">

                      <img src="./images/services/service-icon3.webp" alt="">

                    </span>

                    <h5>Swimming Pool</h5>

                    <p><span>Swimming</span>pool luptatem quia volupts sit aspernatur aut

                    odit aut

                          fugit , sed quia</p>

                  </a>

                </li>

                <li>

                  <a data-bs-toggle="tab" href=" #conference">

                    <span class="service-icon">

                      <img src="./images/services/service-icon4.webp" alt="">

                    </span>

                    <h5>Conference Hall</h5>

                    <p><span>Conference</span>luptatem quia voluptes sit aspernture aut odit

                     and fugit

                           sed quia</p>

                  </a>

                </li>

              </ul>

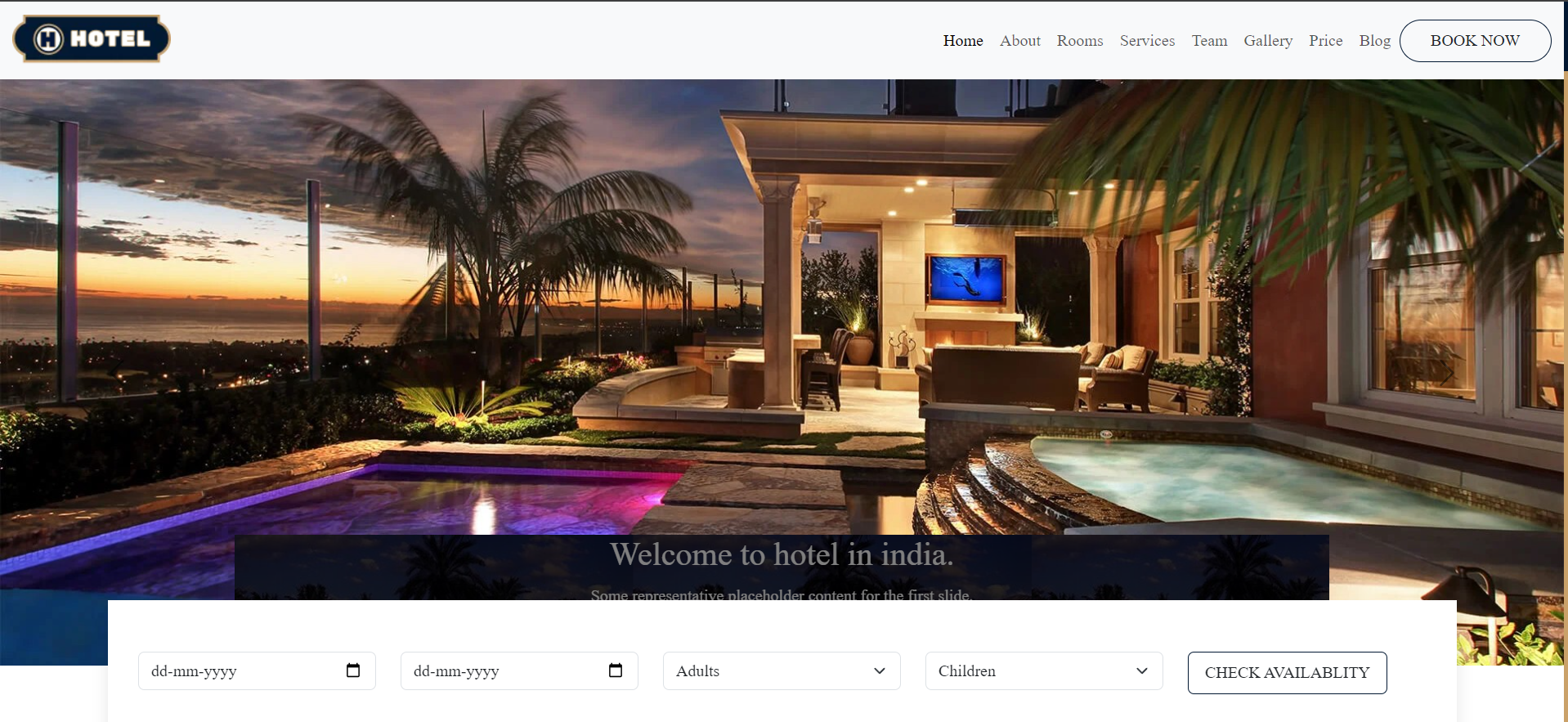
            </div>

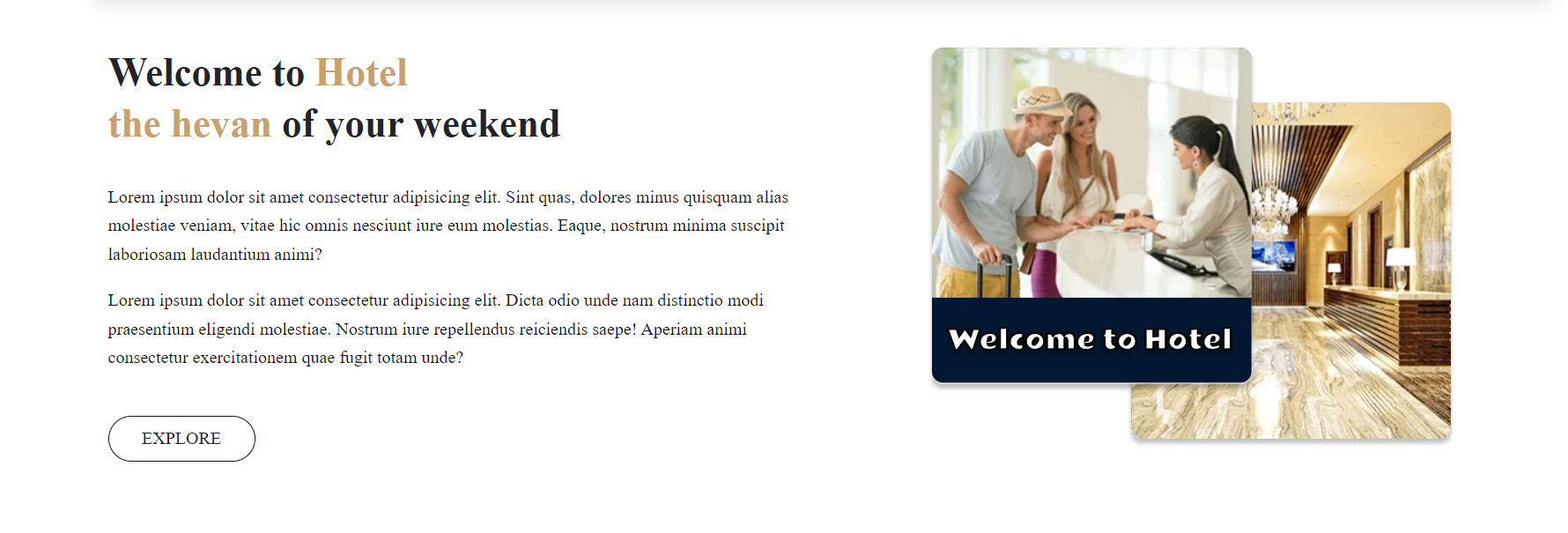
          </div>

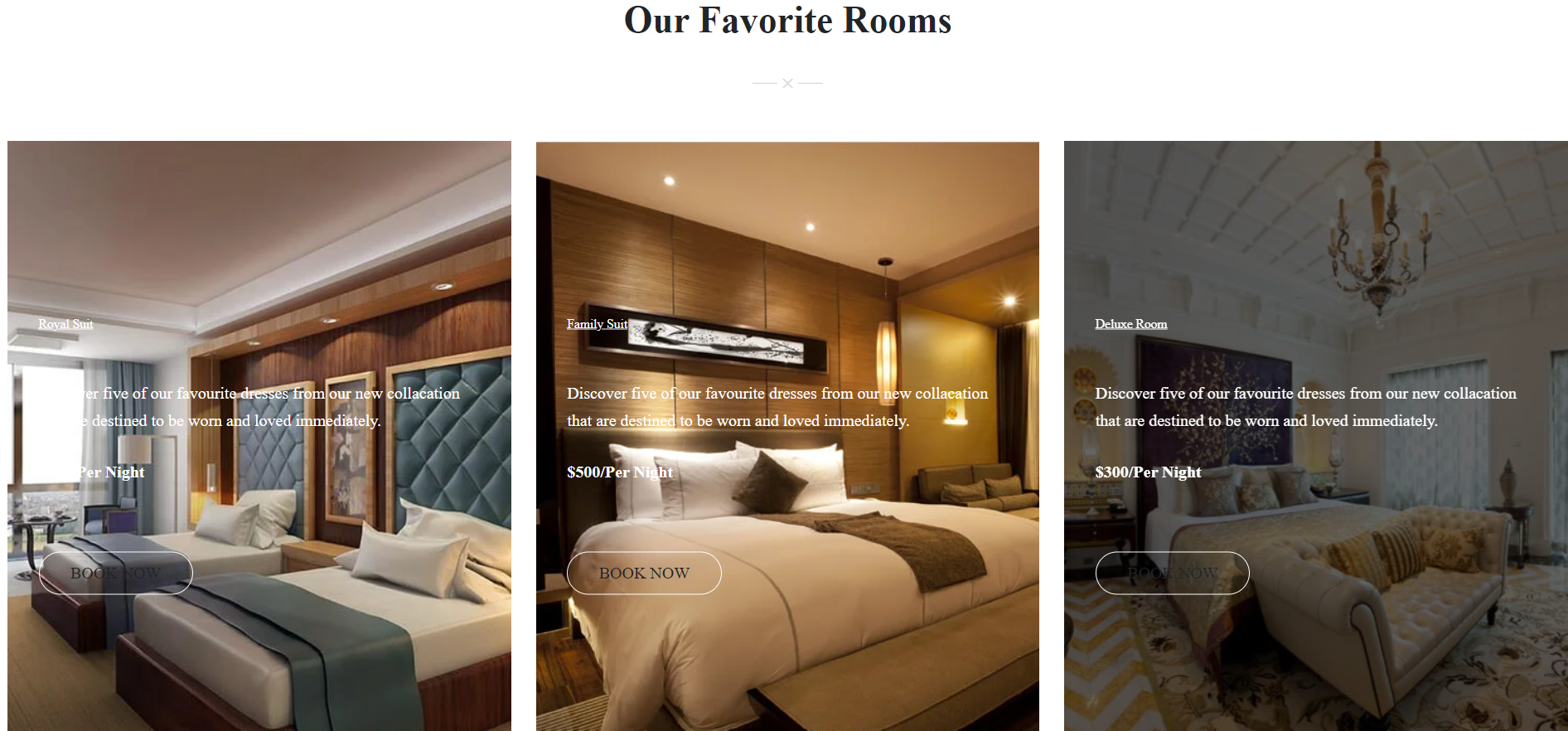
        </div>

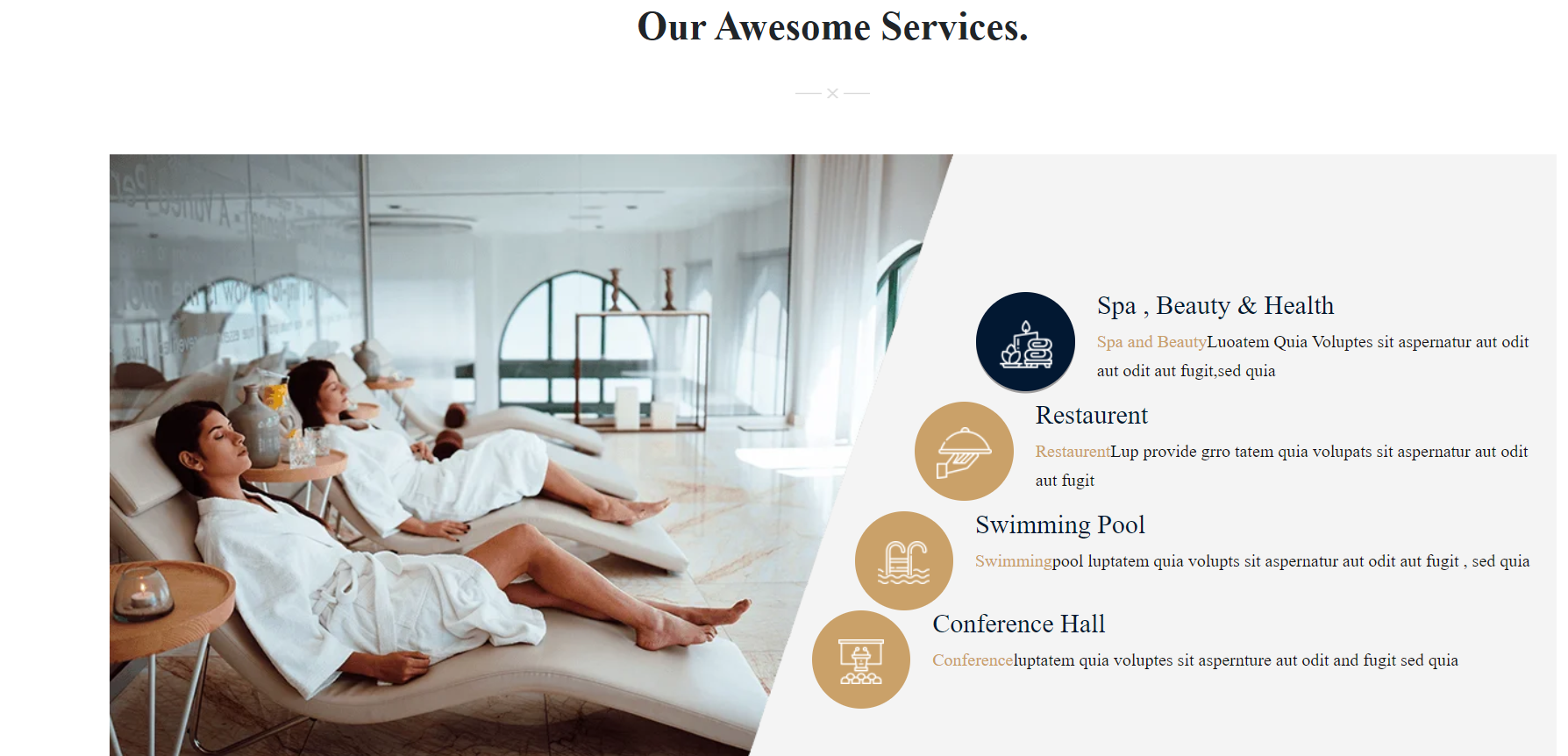
      </div>

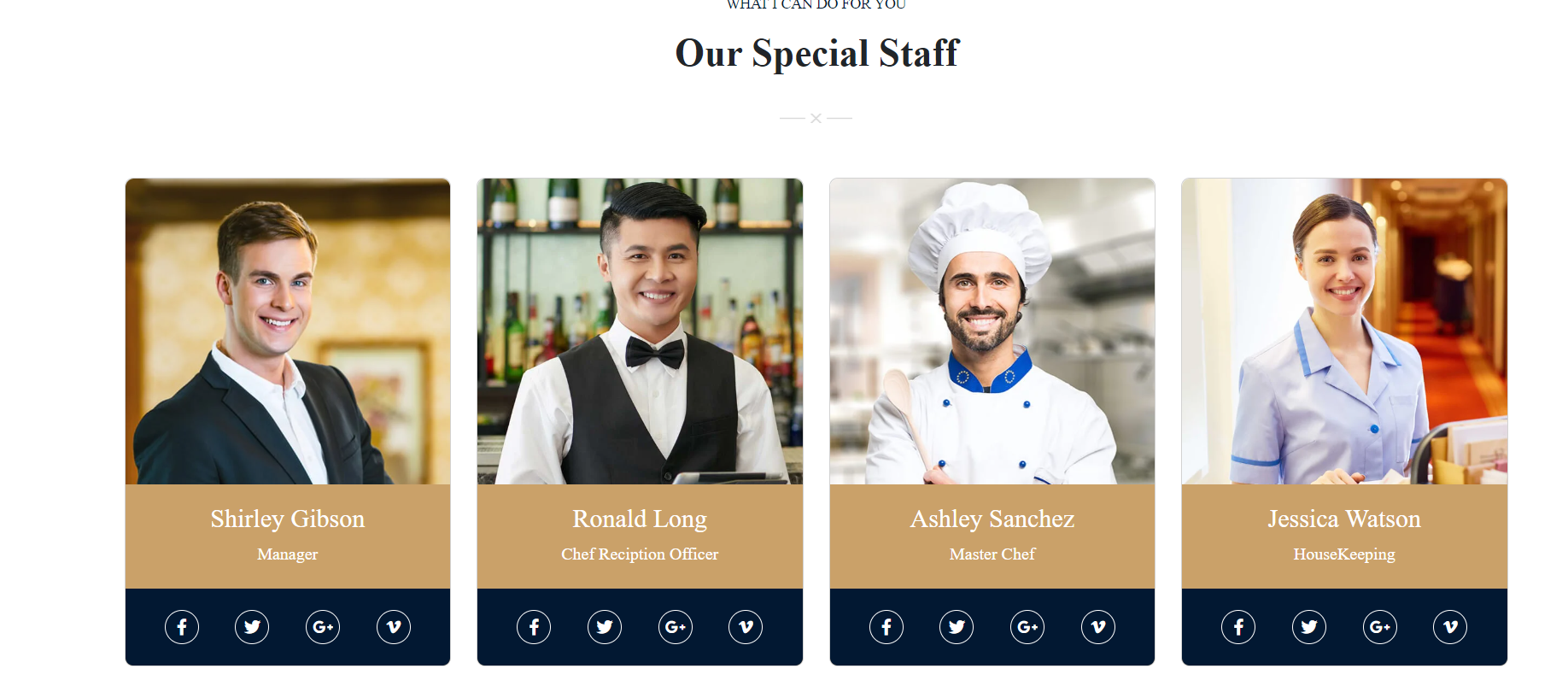
**7.output**

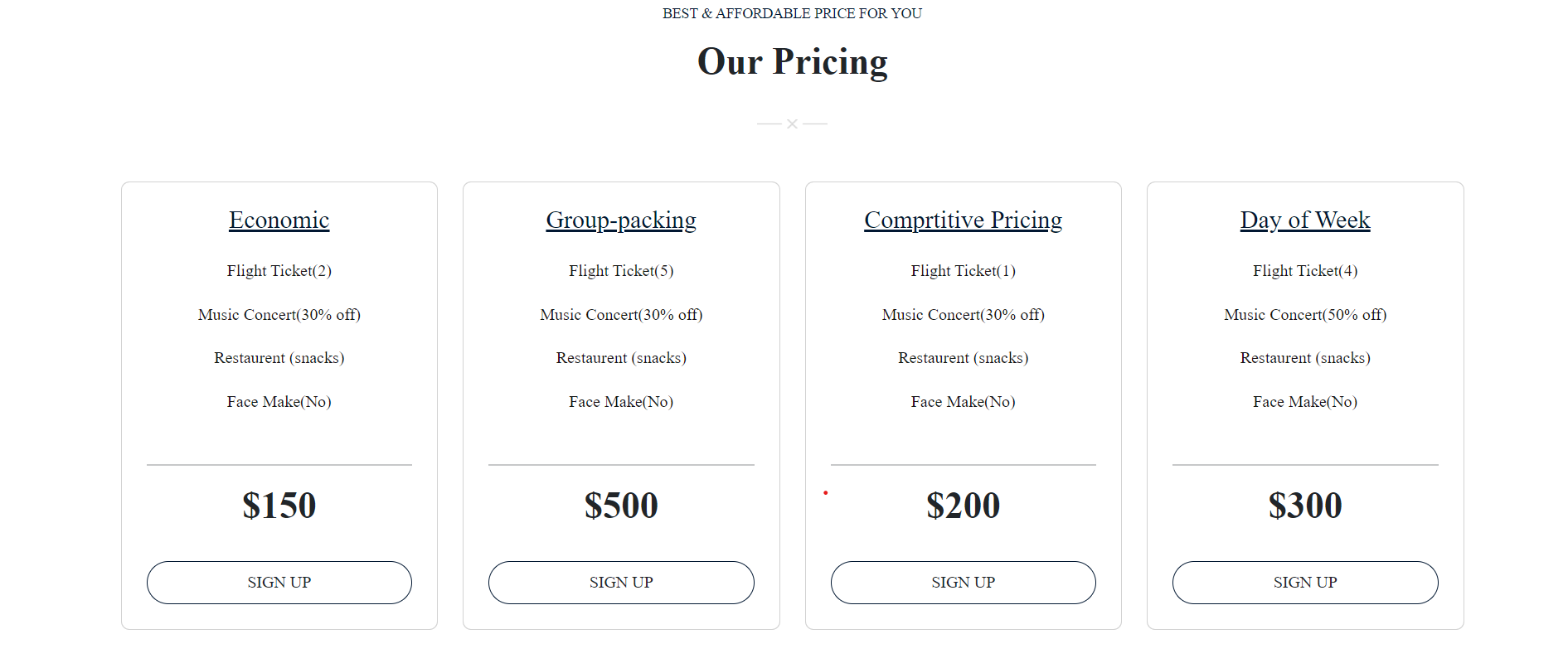
****

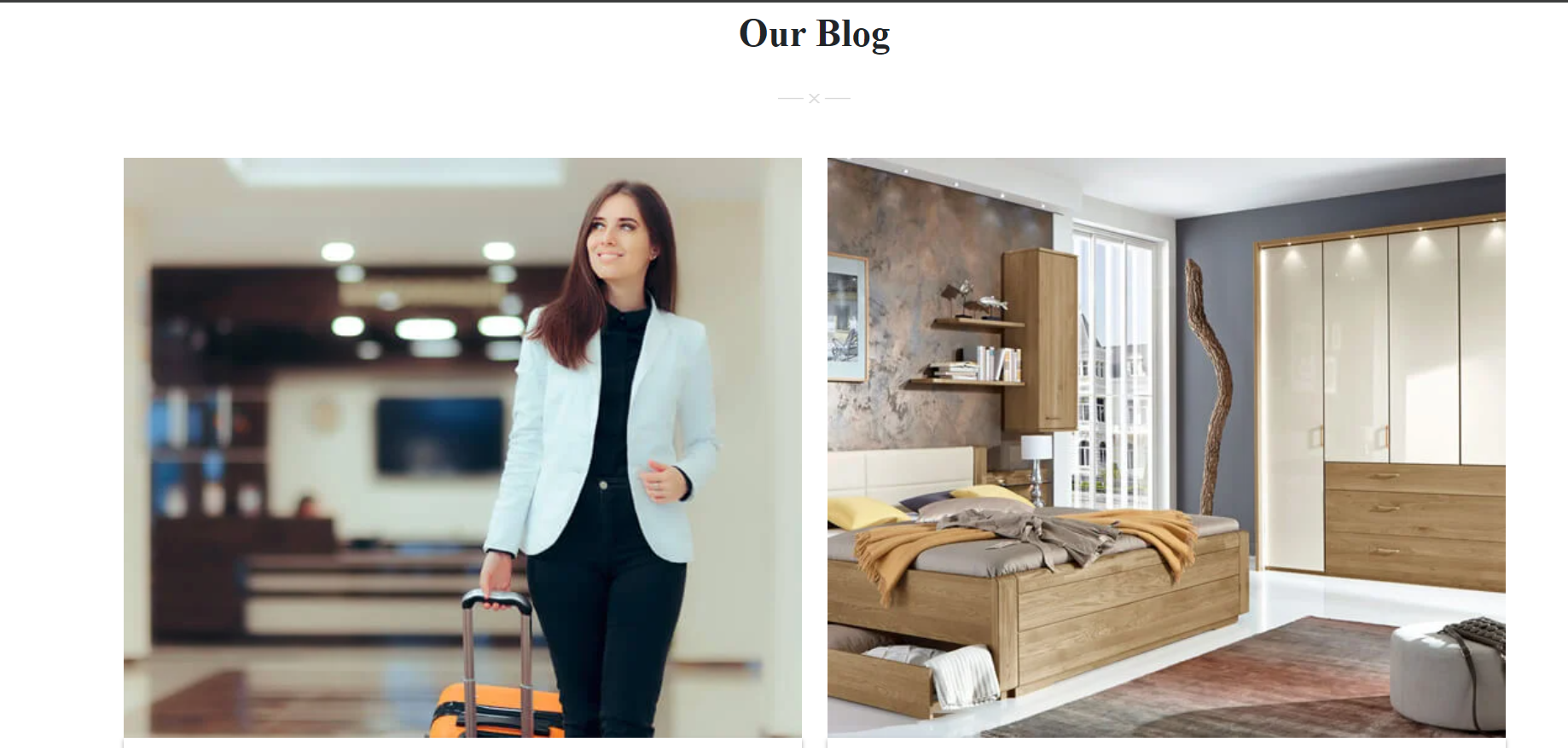
****

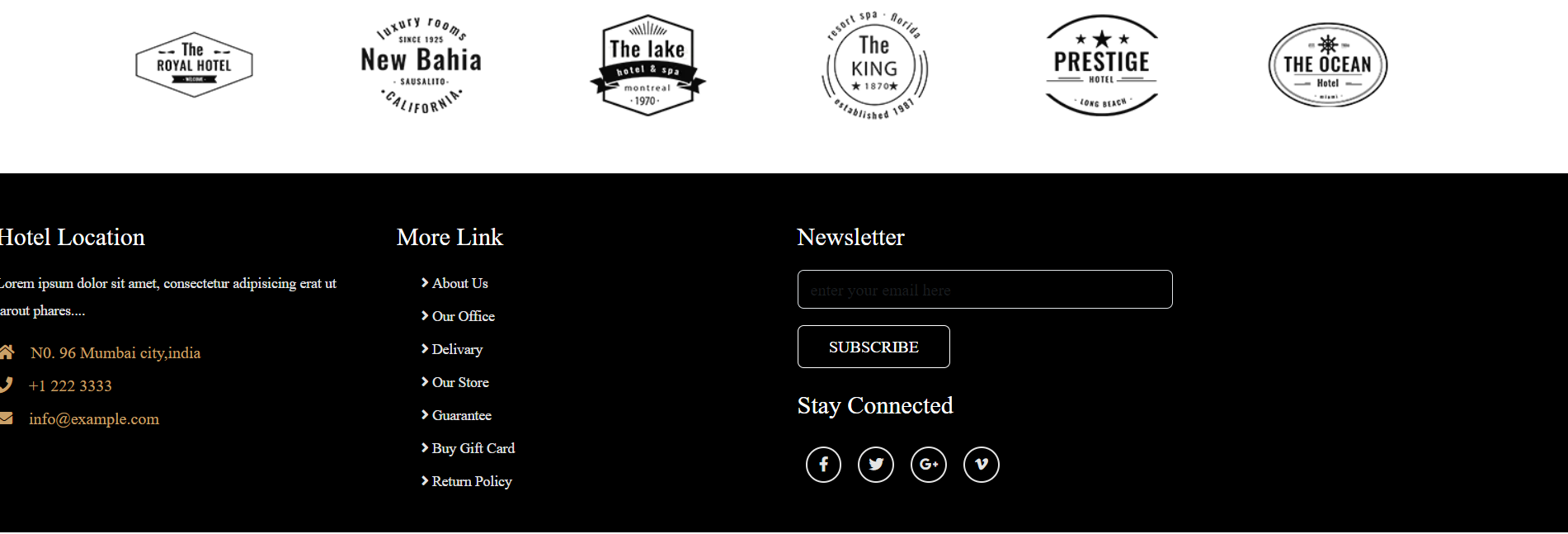
****

****

****

****

****

****