**HOTEL MANAGEMENT SYSTEM**

By

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Guide



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**Problem Statement:**

The Seascape Resort requires a online website to facilitate the automation of many manual tasks performed by the Hotel staff. So, this hotel management system was developed for smooth running and management of Seascape hotel. The website was developed using HTML, CSS, JS,XML,JSON & PHP. This system will indeed help the hotel management and the esteemed staff members to manage and steer the hotel’s functionality and transactions to realize its maximum potential in addition to its competence in the hotel business field.

Seascape Resorts offers accommodation, meals, additional facilities and other services. The website shows the various National and International branches of the Seascape Resort chains. World class dining experience can be experienced in the Restaurant of the resort. Accommodation services are offered with different categories of rooms available for the guest according to their choice. Any query regarding the stay or the location of the resort is being solved if the user visits the Contact page. Login facility is provided to the user to access the hotel website.

**Site-Map:**

**Login page:**

When a user opens the website, the first page to open is the Login page. After providing the correct Username and password, the user can access the website. The entered details will be checked from the database to verify if such a entry exists and then Main page will be displayed.

**Signup page:**

In case of new user, sign up facility is provided and after filling the required information a new account can be created easily. All the entered details will be stored in the database for future use. For booking a room, signup is compulsory. Then the user will be redirected to the login page to login with the registered details and access the website.

**Main Page:**

**Restaurant page:**

The restaurant page displays the menu items of our hotel. The menu items are on two different page so the user can navigate between these two. The food items are displayed using flex box and the page is responsive. There is a search functionality provided with is implemented using json and javascript. It filters out the content when any character is inputted in the search field by the user.

**Rooms page:**

**Contact page:**

The contact page consists of the contact details i.e. address,contact no. and mail id. The location of the hotel is embedded on the page using Google maps embed maps facility.On clicking the maps the google maps page is opened and we can navigate through the location and explore the nearby places for reference landmarks. On clicking the email id, mail can be sent to the hotel and this is implemented using mailto functionality.

**Hotels Page:**

This page displays the branches of the hotel i.e. International and National. When the user clicks on read more button the text displayed below is read from the txt files. This is implemented using ajax.