Hotel SunShine

Web Pages for Hotel Website

By

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A

Project Report

On

Hotel SunShine

Web Pages for Hotel Website

Project for Assessment of HDFC_JFS_Training

Abstract

There are different tools are used for UI/UX creation. Some of Popular tools are HTML, CSS, JavaScript and BootStrap. These tools give basic layout of the Pages, also provides the attractive designs and patterns. Using the above tools, the Web Pages are Created for the Website. The Name given to the Website is Hotel Sunshine. This set of Web pages shows how a general hotel website looks and which components it should have.

Introduction

The Objective of the Project is to Create Webpages which includes basic Functionalities of Hotel. In this case, the web pages for Hotel Sunshine are created. There are total five Web Pages I.e.

- Home
- Rooms
- About
- Contact
- Reservation

In this Scenario, the Hotel is a Resort. By Considering the Facilities provided by in general, Web Pages are Created. In this Project, it is informed to the Reader about what facilities and services are provided by Hotel Sunshine along with the basic Rooms Reservation Option. In this report, all function and Operations are Explained.

Functional Requirements

According to the requirements, the Web Pages should have the following functional requirements:

- Web Pages with Proper and suitable design.
- Use of HTML, CSS, JavaScript, BootStrap.
- Web Page having Reservation Option
- Different Sections create in every web page.
- Gallery of Images of the resort.
- Header and Footer
- JavaScript Validation.

Working

Hotel Sunshine is Resort and it has option to Reserve the Room for Customer. Along with this, there are several Web Pages which has distinct work.

- On the Home Page, there is Title on the left side and toggle on right side.
- The Toggle option contains, unordered list I.e. Home, About, Contact, Rooms, Reservation.
- About, contact, Rooms, Reservation are links which are connected to the about.html, contact.html, rooms.html and reservation.html respectively.
- There is container below the Title, for checking availability. This Container has two date-pickers, two drop-downs for taking number and then the button to check availability.
- Next Section contains types of rooms the Resort have. This page is directed to rooms.html
- Below the section, there is Gallery, which has the list of Images of Resort. After looking at the beautiful images there is Button for Reservation immediate next.
- The Reservation Button is directed to reservation.html. Reservation.html page contains a Reservation form.
- The Reservation form has following fields:
  - Name
  - Phone
  - Email Address
  - Rooms (Drop-down)
  - Check-in
  - Check-out
  - Children and Adults Drop-down
  - Two Buttons I.e. save info and reservation
- The Reservation Form has been Validated with JavaScript. Hence, after clicking button, it prints the message of Successful.
- The Rooms Page has Gallery(slider) which shows different varieties of Rooms.
- The About Page contains the Information about the Resort, the Team of Resort, Awards and Achievements of the Resort.
- The Contact Page has the Location and Fields such as Address, Phone No. Email ID.

Technology Specification

HTML: HTML code with basic tags like head, body, title. Special Tags used for creating Pages are,

- Header
- Div
- Ul and li
- Anchor
- Nav
- Image
- Section
- Input
- Label
- Paragraph

CSS: It is used to create attractive and interactive Web Pages. Following are the properties, style used in designing:

- Font-family,color,size
- Position: relative, fixed
- Padding: left,right,bottom,top
- Btn-outline, btn-uppercase
- Form-control
- -webkit-transition
- -o-transition
- -webkit-box-shadow
- @media(Change the background color of the <body> element to mentioned color when the browser window is of particular size wide or less)
- Z-index(The z-index property specifies the stack order of an element.)

Externally used CSS files are:

- /bootstrap.min.css
- /animate.css

- /owl.carousel.min.css
- /aos.css
- /bootstrap-datepicker.css
- /jquery.timepicker.css
- /fancybox.min.css
- /ionicons.min.css
- /font-awesome.min.css

JavaScript: It is used to Validate the Input Fields in Reservation.html. In this case a JavaScript function called validate() is written. This validate() function is returns alert message if the name, phone no. , email is not written its proper format.

In validate() function following conditions are used:

- ○ `name==null || name=="" || !isNaN(name)`
- ○ `phone==null || phone=="" || isNaN(phone) || phone.length!=10`
- ○ `email==null || email=="" along with the input type="email" which asks for @ symbol if missing`

Externally used .js fiels are:

- ○ `/jquery-3.3.1.min.js`
- ○ `/jquery-migrate-3.0.1.min.js`
- ○ `/popper.min.js`
- ○ `/bootstrap.min.js`
- ○ `/owl.carousel.min.js`
- ○ `/jquery.stellar.min.js`
- ○ `/jquery.fancybox.min.js`
- ○ `js/aos.js`
- ○ `js/bootstrap-datepicker.js`
- ○ `js/jquery.timepicker.min.js`
- ○ `js/main.js`

BootStrap: Bootstrap is a free and open-source front end development framework for the creation of websites and web apps.

Following Classes of BootStrap are used for making the page Responsive:

- ○ `site-navbar js-site-navbar`
- ○ `site-menu-toggle js-site-menu-toggle`
- ○ `site-hero inner-page overlay`
- ○ `form-group`
- ○ `footer-newsletter`
- ○ `field-icon-wrap`
- ○ `btn-primary`

- btn-block
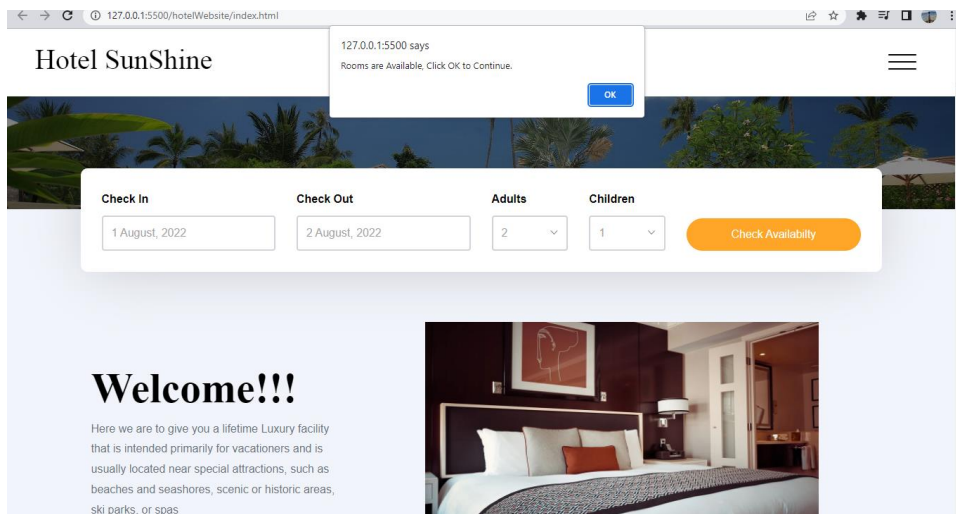- home-slider major-carousel owl-carousel

Source Code link: https://github.com/the-SARANG/HDFC_JFS_Assessment_Hotel_Sunshine

Screenshots:
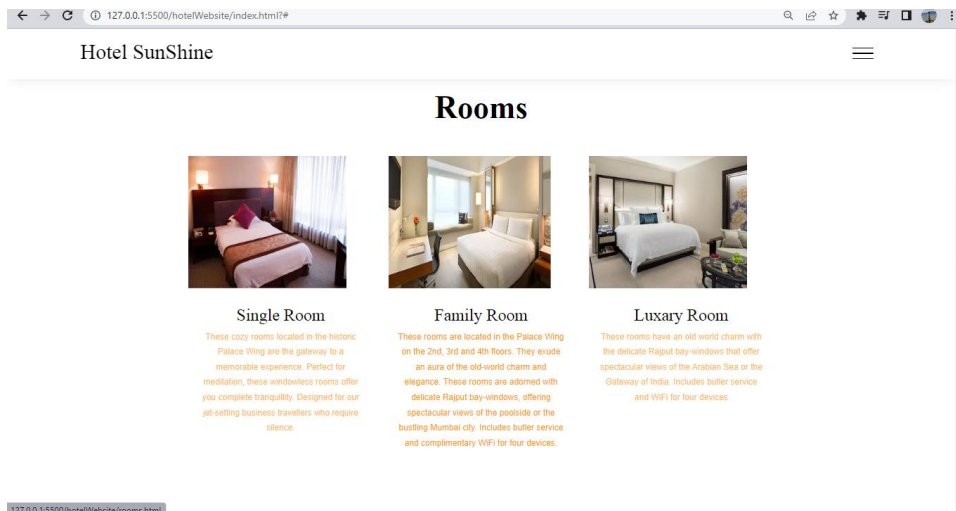
Home Page/Header
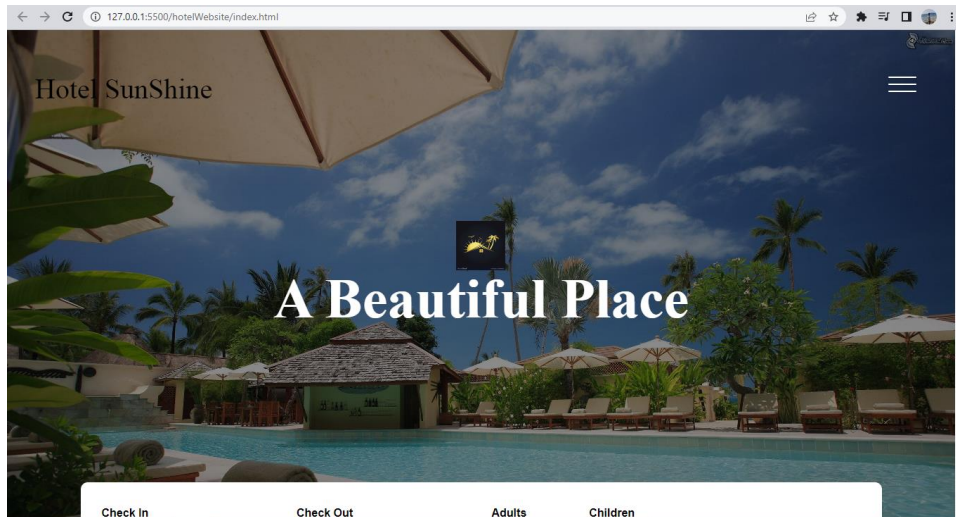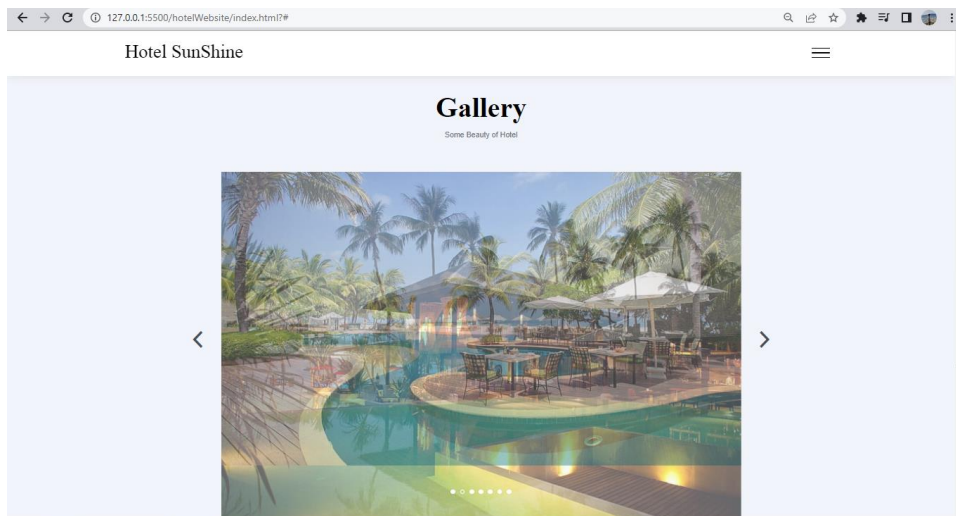

Home Page/Check Availability

Home Page/Rooms Sections
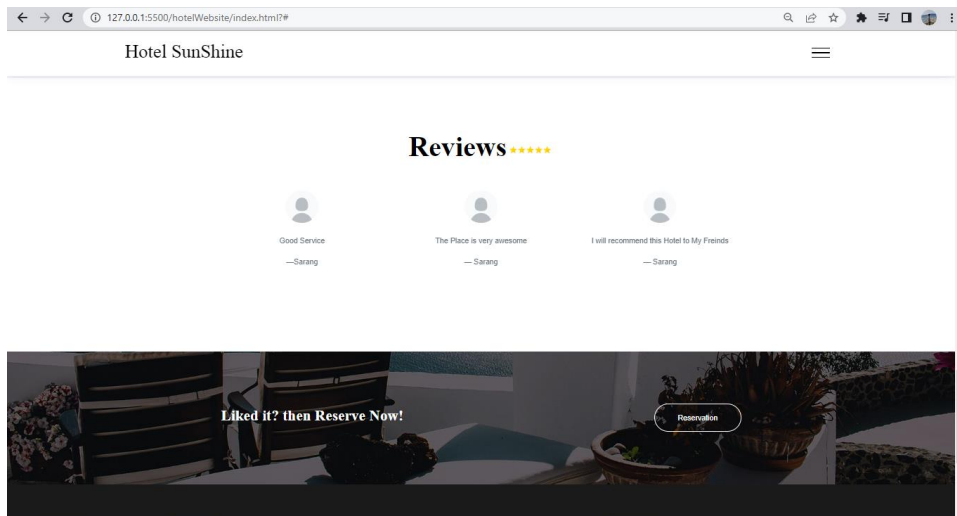
Home Page/Gallery
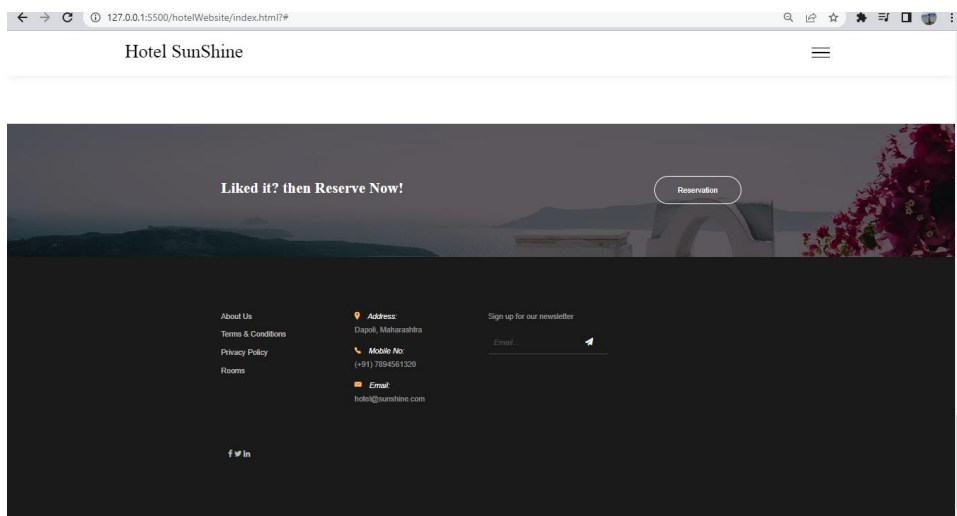

Home Page/Reviews

Home Page/Footer

Reservation Form with validation

Reservation Form with validation
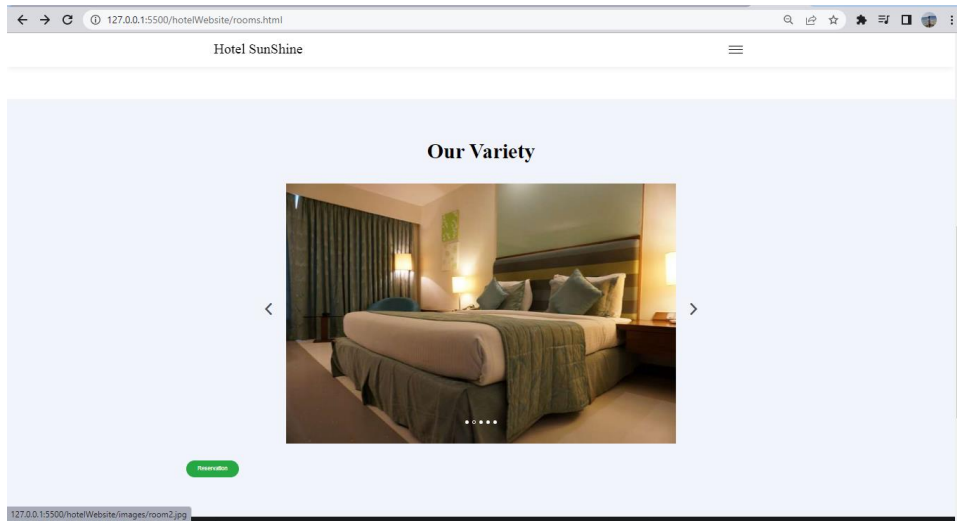

Reservation Form with message information saved.
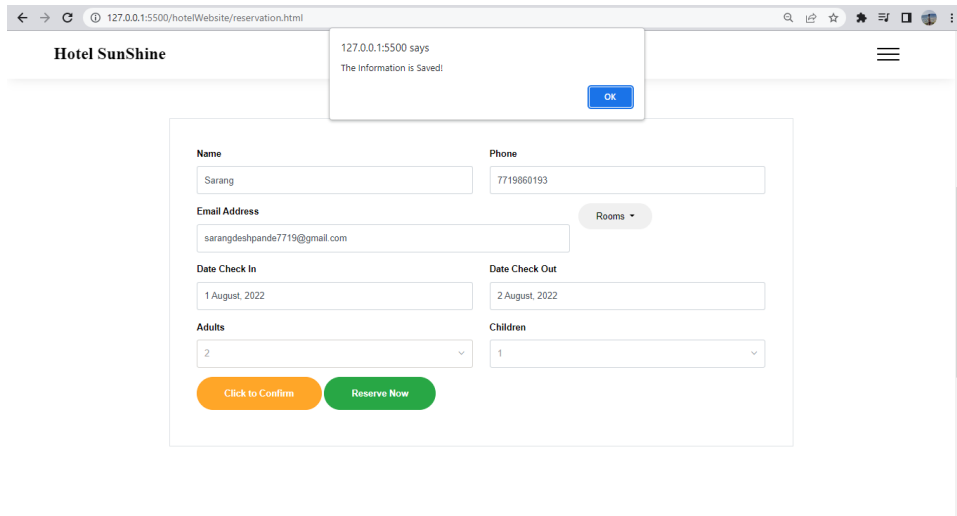
Reservation Form with message Successful
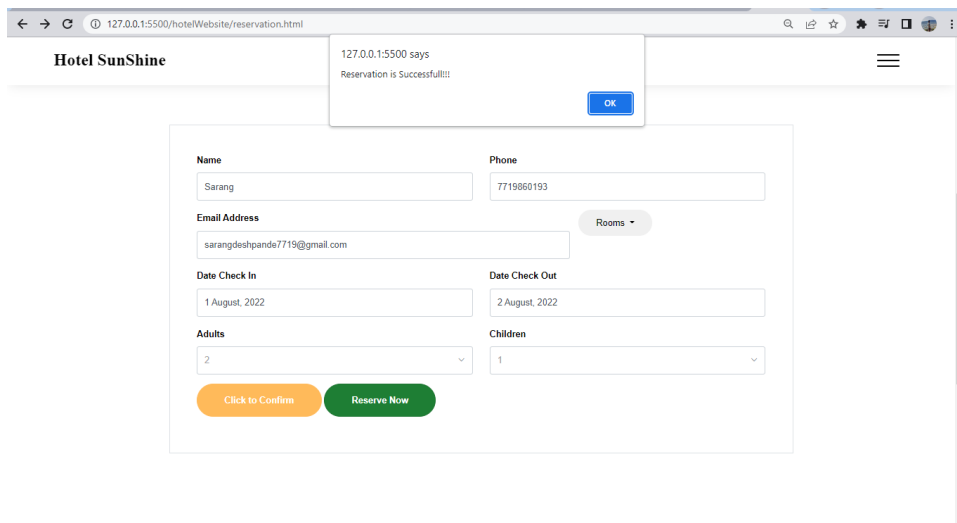
Rooms page

About Page

Contact Page

Hotel SunShine ≡

View larger map

Sea Princess Beach
Resort, Dapoli
Unassuming...

Sea Conch Beach

Maitri Beach Resort

Sagar Raj Beach Resort
Relaxed hotel with
sea views & dining

Sea Lord Hot
&Restaurant

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📍
Address:
Dapoli,
Maharashtra

📞
Phone:
(+91)
7894561320
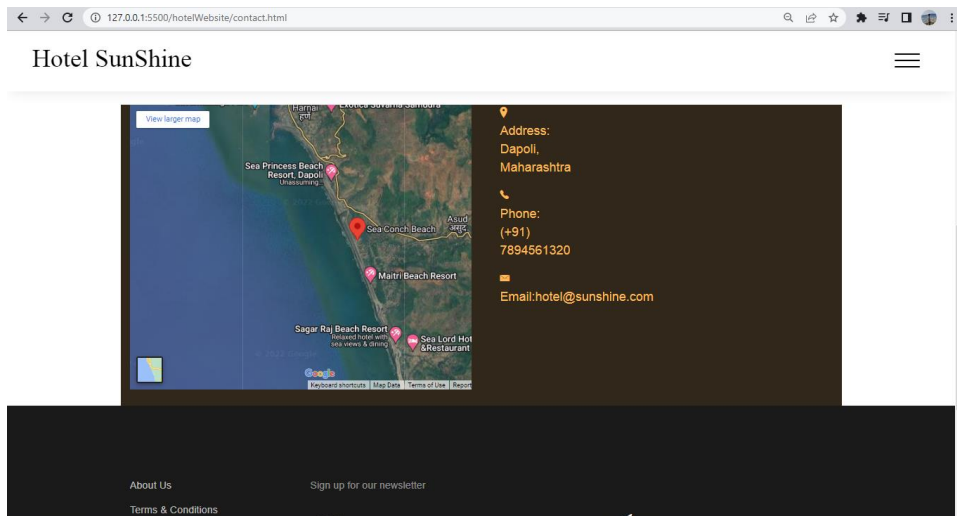
✉
Email:hotel@sunshine.com

About Us

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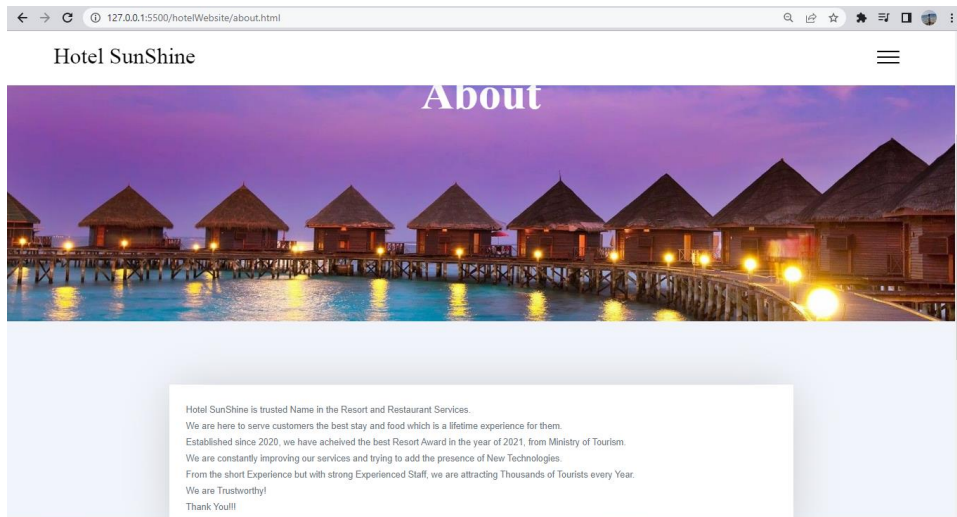
Conclusion

Such kind of websites are useful tourists and customers. If, there is website for Hotel/Resort, it will be a transparent relation. These are some of web pages which are just for front-view, but this can be integrated with database to store the information of customer. Here, the Payment Section is not added, but it can be integrated with different Payment Systems like Net-Banking, Unified Payment Interface, etc.