

Web Development Task 1

Introduction:

China Town Restaurant's (Fictitious Restaurant Name) Reservation Page is designed to allow customers to book a table at the restaurant for a specific date and time. This documentation will guide you through the process of using the form and provide any special features or considerations that the restaurant's management team should be aware of.

How to use the form:

1. Select the date you would like to reserve a table for from the "Select Date" input field.
2. Select the time you would like to reserve a table for from the "Select Time" input field.
3. Enter the number of guests that will be attending in the "Number of Guests" input field. The minimum number of guests that can be entered is 1.
4. Enter your contact information in the "Contact Information" input field. This includes your phone number, which should be a 10-digit number.
5. Click the "Submit Information" button to submit your reservation request.

Special Features and Considerations:

- The form has several required input fields, which are denoted by the "required" attribute in the HTML code. These fields must be filled out in order to submit the form.
- The "Number of Guests" input field has a minimum value of 1, meaning that at least one guest must be present in order to make a reservation.
- The "Contact Information" input field is a telephone number field, meaning that only numbers can be entered. Additionally, the "minlength" and "maxlength" attributes are set to 10, meaning that the phone number entered must be 10 digits long.
- The form's background is a gradient that uses the restaurant's colors to create a cohesive look and feel.
- The webpage is completely responsive and adjusts according to the resolution on which it is opened (Due to Bootstrap Grid System).

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Example:

To reserve a table for 4 guests on August 15th at 7:30 pm, follow these steps:

1. Select "August 15th, 2023" from the "Select Date" input field.

The screenshot shows a web browser window with the URL `127.0.0.1:5500/booking_form.html`. The page title is "China Town Restaurant". The main heading is "Table Booking Details". The form has four input fields: "Select Date", "Select Time", "Number of Guests", and "Contact Information". The "Select Date" field is active, showing a calendar for August 2023. The date "15-08-2023" is selected. The "Select Time" field is empty. The "Number of Guests" field is empty. The "Contact Information" field is empty. A "Submit Information" button is located below the form. The footer text is "Made by vivekx01".

2. Select "7:30 pm (19:30)" from the "Select Time" input field.

The screenshot shows the same web browser window as the previous one. The "Select Date" field now displays "15-08-2023". The "Select Time" field is active, showing a time selection dropdown. The time "19:30" is selected. The "Number of Guests" field is empty. The "Contact Information" field is empty. A "Submit Information" button is located below the form. The footer text is "Made by vivekx01".

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3. Enter "4" in the "Number of Guests" input field.

The screenshot shows a web browser window with the URL `127.0.0.1:5500/booking_form.html`. The page has a dark header with the text "China Town Restaurant". Below the header is a white form titled "Table Booking Details". The form contains four input fields: "Select Date" (15-08-2023), "Select Time" (19:30), "Number of Guests" (4), and "Contact Information" (Enter Phone Number). A "Submit Information" button is located at the bottom of the form. The browser's address bar and tabs are visible at the top.

4. Enter your 10-digit phone number in the "Contact Information" input field.

The screenshot shows the same web browser window as before, but now the "Contact Information" input field contains the phone number "9812435680". The "Number of Guests" field still contains "4". The "Submit Information" button remains at the bottom of the form.

5. Click the "Submit Information" button to submit your reservation request.

This is a close-up view of the "Table Booking Details" form. It shows the following fields and values: "Select Date" (15-08-2023), "Select Time" (19:30), "Number of Guests" (4), and "Contact Information" (9812435680). A "Submit Information" button is positioned at the bottom center of the form.

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Source Code:

```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Reservation Page</title>
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
rbsA2VBKQhggwzxH7pPCaAqO46MgnOM80zW1RWuH61DGLWZJEdK2Kadq2F9CUG65"
crossorigin="anonymous">
  </head>
  <style>
    body{
      background: #cc2b5e; /* fallback for old browsers */
      background: -webkit-linear-gradient(to right, #753a88, #cc2b5e); /*
Chrome 10-25, Safari 5.1-6 */
      background: linear-gradient(to right, #753a88, #cc2b5e); /* W3C, IE 10+/
Edge, Firefox 16+, Chrome 26+, Opera 12+, Safari 7+ */
    }
  </style>
  <body>
    <header class="bg-dark py-2">
      <h1 class="text-center text-white">China Town Restaurant</h1>
    </header>
    <div class="container mt-3">
      <div class="card">
        <div class="card-header text-center">
          <h1>Table Booking Details</h1>
        </div>
        <div class="card-body text-center">
          <form action="">
            <div class="mb-3 row">
              <label for="staticEmail" class="col-sm-2 col-form-
label">Select Date</label>
              <div class="col-sm-10">
                <input type="date" class="form-control" required>
              </div>
            </div>
            <div class="mb-3 row">
              <label for="inputPassword" class="col-sm-2 col-form-
label">Select Time</label>
              <div class="col-sm-10">
                <input type="time" class="form-control" required>
              </div>
            </div>
          </form>
        </div>
      </div>
    </div>
  </body>
</html>
```

