



*PROJECT REPORT ON
RESTAURANT MANAGEMENT SYSTEM*

Desu Yasaswini

yasaswini_desu@srmap.edu.in

AP19110010008

Bachelors of Computer Science and Technology
SRM University, Andhra Pradesh
Course: Web Technology

RESTAURANT MANAGEMENT SYSTEM

Artifacts

Abstract:

This report is conducted in order to set the foundation for the final project. The title of the project is “**Restaurant Management System**”.

The main objective of this project is to explore the opportunities, challenges and the conditions that could lead in building a successful Android application. The simplicity and ease of accessing the menu and booking a table or a room makes it easier for the diners to flip, swipe and tap through the menu. We here aim to provide the menu, rooms and table-bookings which are highly recommended by many national and international restaurants.

Foremost approach:

The prime principle of choosing this project is to develop a user friendly software for better running of the restaurant.

The main concepts that I aim to include in the frontend of this project are:

- Hyperlinks
- Forms
- Lists
- Image linking
- Section linking
- Tables
- Graphic Media
- Scripting
- Block and inline elements
- PHP etc .

About the website:

The user will be automated to the restaurant website, there he can see the options available like Homepage, Menu, Table Booking, Team, Room Reservation and contact us.

The Menu page displays the dishes available in the restaurant along with the price. By using Table-Booking and Room-reservation forms he can book/reserve according to their preferences.

We also provided the top most chefs working in our restaurant. At last, in the contact us page they can provide their valuable feedback about the restaurant.

Modules:

Table-Booking Module:

This module shows the user details who booked their table on their desired date and time. The seating capacity can also be selected here. This module consists of the following attributes in the database.

- FirstName
- LastName
- Email id
- Mobile No
- Seating Capacity
- Time
- Date

Room-Reservation Module:

This module shows the user details who reserved their room on their desired date. The customer can select the bedding and his further needs here. This module consists of the following attributes in the database.

- FirstName
- LastName
- Email id
- Mobile No
- Address
- Post Code
- Country
- Arrival Date
- Departure Date
- Number of adults
- Number of children
- Bedding
- Other needs

Contact-Us Module:

This module helps to store the feedback and complaints of the customer which is stored in the database. The administrator can go through the feedback and make necessary changes. This module consists of:

- Name
- Email id
- Contact Number
- Message

Design of the project:

In the website we intend to include Homepage, Menu, Table-Booking, Team, Room-Reservation, Contact web pages.

- **Homepage:**

- In the main homepage we have named the restaurant as “Monks Kitchen” and added a box with a background color to make it attractive.
- We mentioned the contents using lists and added hyperlinks for each of the lists.
- We used styling for better appearance.
- We have also included the social media icons like facebook, instagram, twitter, google, youtube.
- We have added the food that is available in the restaurant as background image using css.

- **Menu**

- In the Menu, we have added a background image to make it more attractive.
- We listed all the delicious items available in our restaurant under each category like Main course, Starters, Soups and all.
- We used CSS, styling for better appearance like changing color of the text and highlighting when we hover over any text.
- We also mentioned the cost of the food along with the names of the dishes using different colors.
- We also added a marquee tag for getting the effect of animation on the webiste.

- **Table-Booking:**

- In the Table-Booking section, we mentioned the heading using colors for both text and background with the help of the CSS.
- Using CSS, we made a thick column shaped background, a form, and added texts in it which takes the user's details.
- We gave the space below under each detail of the user to enter.
- We have also added the placeholder for better understanding of the user.
- We also gave the option to choose the table based on the number of the people.
- The text colour changes when hovered over it.
- We also added when the customer wants to book a table on which date.
- We also added the submit button with a confirmation message and used javascript for confirmation.
- We added a marquee tag at the end of the form for better appearance.

- **Team:**

- Starting with the heading of our restaurant, we added all the images of the famous chefs across the world who've been working for us to provide food with great taste and beautiful ambience along with their images mentioning the dishes they're expert in.
- We mentioned the 6 most wonderful chefs along with their specialization.
- The team section is well designed which is super satisfactory for the user.

- **Room-Reservation:**

- We have added the heading with a font color and background color to make it more attractive.
- We made a form in which the customers can fill their details by entering their complete name, Email ID, Mobile number, Address etc.
- We also gave a space for them to mention the check-in and check-out dates.
- We also gave a space for them to enter the number of adults or children
- They can also choose how many beds they want in the room they reserve.
- We also provided an extra space for the customer to receive their valuable extra notes they want to give us while reserving their desired room.
- Finally, we added a submit button along with a confirmation message.

- **Contact Us**

- We added a background image with a heading.
- Customers have to provide their name, email, contact number for delivery of their message to us.
- We have given required spaces for the required ones.
- We have also added to buttons, which the color changes when hovered.
- Customers are easy to send us the message with a button away and also cancel the message with a button away.
- The customers can also give us their valuable feedback.

Java Script:

We have included modules in the form pages for the sake of user convenience. The user will receive an alert message as soon as he provides the required information and submit their response. This kind of test functionality will help both the user and administrator.

PHP:

In this project we are using PHP as middleware. We are using XAMPP Server for PHP and MYSQL.

We have created a php file with .php extension, it will contain the tags same as html with some slight changes, just by giving 'name' in the html form we can link the frontend with the backend. We have created a database in PHP which will store the information of table, room and contact forms.