



*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

## Synopsis

### 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.

### Project Title:

This website gives us a brief idea about the restaurant. We can go through the menu and the special items with their prices respectively. It also provides an opportunity to book a table for the user’s meeting/ party/ get-together etc., in advance and can also book a restaurant room in advance.

### Introduction:

The traditional system is a restaurant paper menu, selecting the table after coming to the restaurant, sometimes the restaurant may be crowded and the desired table may not be available. So, to overcome these kinds of incidents, we came by developing a new application where the customer can see the menu in advance, select the dishes he desires, sit in the table he wishes for and also check in the restaurant room which he wants.

If we consider the time constraint here, the customer can save his time by looking into them in advance, he can avoid waiting for hours and hours for confirmation of room or table.

### Objective:

The main objective of developing this project is to handle all the basic necessities of a restaurant. As discussed above, it can save the time of customers in many ways. Using this system, we can find customers' desires easily and its paperless system reduces the workload. Once the customers fill the form, the data will be stored in the database and the administrator will have the access to it.

---

## Software Requirements:

- Operating System: Windows XP/7/8/10
- Programming Language: HTML, CSS, JavaScript, PHP
- Database: MySQL

## Hardware Requirements:

- RAM: 256 MB or more
- Processor: Pentium IV or higher

## Assumptions Taken:

- ★ The system should ask the details of the customer and allocate the table/room according to the requirements of the customer.
- ★ Once, the customer submits his records, the system will show the alert as “Your record is submitted successfully!”.
- ★ If it showed the alert, the customer’s record is stored in the database.

## Details Handled:

The functional requirements of this project are:

- Html
- Css
- Javascript
- PHP
- MySQL

This project handles all the requirements of the restaurant concerning the bookings, It’s easy to work on and should be used for a better management system.

## Basic Design:

Initially, in this project, we are going to create a html website by using various tags and attributes for the homepage of the restaurants. In the homepage we have added hyperlinks like Menu, Table-booking, Team, Room- reservation and Contact pages. We have added style sheets to make the website attractive. We have also included javascript functions for the sake of customers confirmation of booking.

## Sample Scenarios:

- Online Railway Ticket Booking. It’s similar to booking the desired train tickets without wasting time by standing in a queue.

- 
- Online Movie Tickets. It's similar in a way that booking the desired seats in an easy way and also no time waste by standing in a queue.
  - Giving the details about what's available, what's not and what's famous, delicious food items like other websites, restaurants and apps.

### **Who can use this application in real life ?**

- Person who's in need of any conference meeting.
- Person who wants to reserve a table for dinner.
- Person who wants to taste delicious food by famous chefs.
- Person who wants to arrange a party.
- Person who wants to book a room for a stay.
- People who don't want to waste their time and money in offline table booking.
- Person who wants an easy access of the restaurant's menu