



---

# HOTREST

---

Project Report



GROUP MEMBERS:

SYED MUHAMMAD HUMRAAN (15K-2882)

AZEEM KHALID (15K-2845)

ALEEM ZULFIQAR (15K-2847)



# HotRest

## **Objective: Waiter-less Hotel and Restaurant Management System**

### **1. Introduction**

HotRest is a front-desk hotel management software designed typically for billing, online food ordering and database management of guests checking in and out of the hotel and restaurants. It also includes options to display the features of the hotel and the restaurants and services offered by it. The feature of adding restaurant's bill in the guest's data and adding it to the final bill on check out has also been provided. It also includes facilities of turning a restaurant into a waiter less management and providing bills on email provided by the users on their online delivery. It can also be customized to display the features of the hotel for the guests with an interactive interface.

### **2. Main Features**

- Online food ordering  
Reducing waiting time of customers.
- Online Hotel room reservations  
Avoiding the confusion for room reservations
- Food Delivery  
Providing door to door delivery services.
- Admin Panel  
Separate admin panels.
- Estimated time for dine-in  
Keeping the customers updated of their dine-in food timings.
- Updates for customers  
Emailing customers about their charges.
- Special for Loyal customers  
Providing discounts to our loyal customers.
- Facebook Page  
Providing daily updates about our products and services.
- Pick and drop services  
Providing pick and drop services to customer from airport to hotel.
- Online Check-in  
Checking in and out through our webpage.

### **3. Methodology**

- **Design phase**  
User friendly websites and easy to use and Waiter less management to gain more profit through less workforce.
- **Implementation phase**  
MySQL workbench for Data Base management. LAMP and WAMP server installation. Brackets for Web Designing and PHP coding.
- **Testing phase**  
Providing our website to civilians with no background of CS for testing purposes, because they can be the best judge of our product. We would like to check our online ordering and room reservation etc.
- **Evaluation phase**  
We will evaluate our whole management system by customer in which we will maintain proper records of reserved room and best-selling foods.

#### 4. Tools Used

- Front End: HTML, CSS, Bootstrap, JavaScript
- Back End: PHP, MySql

#### 5. Hardware and Software Requirements

MySQL workbench for DataBase management. LAMP and WAMP server installation. Brackets for Web Designing and PHP coding.

#### 6. Project Timeline

Weeks	Schedule
Week 1-2	Analyzing the problems
Week 3-4	Creating Work frame
Week 5	System Architecture
Week 6 – 12	Implementation Phase
Week 13	Testing Phase
Week 14	Finalizing the project

#### 7. Task Distribution

Tasks were distributed in form of different webpages, and were distributed equally among all group members.