

# **SOFTWARE REQUIREMENT SPECIFICATION (SRS)**

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**SUBMITTED BY:**

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**(PYTHON 120 BATCH)**

# TOPIC:RESTAURANT MANAGEMENT:ONLINE BOOKING

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## ABSTRACT:

The restaurant management is a web application to provide service facility to restaurant and also to the customer. The service that are provided is food ordering and reservation table management by the customer through the system online. main objective build the system this is to provide ordering and reservation service by online to the customer. With this system online, ordering and reservation management will be come easier and systematic to replace traditional system still using paper .further more ,this project will develop for restaurants management and enhance businessnin system business online.

## MODULE:

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### 1.ADMIN:

Admin can control and they can LOG IN and LOG OUT to the system .In this feature he can manage this online booking system and also they can update and remove the menu and the items shown in tables. if the admin is not assure about their users they can also change the passwords too for login. and it is their responsibility to keep their system safe and secured.

## 2.USERS:

User are the another part of this module. they can register to this online restaurant booking system by their name and other details like email or any other such like of proof. the user only need to register or SIGNUP for one time before they going to order their items. After registering the SIGNUP page they go to home page and they can see the directly the list of tables or items related to their booking.

## DESIGN:

### 1.User's LOGIN Page/SIGNUP Page:

The first page to enter this App is users LOGIN page/SIGNUP Page. It has a button for the SIGN IN and SIGN UP. These 2 buttons are the major button for this page

**The sign up page should be followed by the given structure below:**

- a)**First name:** Enter the first name into the given column.it should be in alphabetic order.
- b)**Last name.:**Enter the last name into the given column.it also be in albhabetic.
- c)**Email:** Enter your Mail ID into given column as for verifying your registration
- d)**Mobile:**type your mobile number for getting your other details.

e)**password**: this must be need to type for entering from the LOGIN page to home page

## **2).HOME PAGE:**

Home page is the page that the user can be seen at the first. Then we can see the options to SIGNIN and SIGNUP. This page have the major connections to the all other pages .the user who have no account or not registered they should need to SIGNUP the page. After that they can LOGIN by their user ID.

## **3).ONLINE FOOD RESREVATION PAGE:**

This is a page that may form after LOGIN or SIGNUP page after the registration for their ordering purpose. There should be have several tables related to the different type of items that should may have on at specified time. The user can book or reserve their favourite dishes or items at any time.

## **4).ADMIN PAGE:**

Admin have the overall control for managing this online reservation system. and they are able to make corruptions related to their orders. In the case of Indeed the admin can add the other user to assist the super user if they are required. And

the admin have the authority to make changes in the menu and their dishes because its all are related to the specified restaurant . And also they can accept or reject the order of a particular user if they can.but they need to give explanation before the cancelation .

### **5).payment and delivey system PAGE:**

This is a page that should be come after the completion of the ordering the food items.it is only can manage by the admin or the super user who where appointed by the admin's direction. By this page we can find the final decision of the customer and their payment method. They can pay the fund through cash on delivery system and also at online system.

# DATABASE DESIGN:

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## 1)CUSTOMER

Field_Name	Data types	Constraint
ID	INT	PRIMARY KEY
FIRST NAME	VARCHAR(25)	
LAST NAME	VARCHAR(20)	
EMAIL_ID	VARCHAR(15)	
PASSWORD	VARCHAR(20)	

## 2)TABLE RESERVATION

FIELD_NAME	DATA TYPES	CONSTRAINT
RESTAURANT_ID	INT	Primary key
CUST_ID	INT	
CUST_NAME	VARCHAR	

### 3).TABLE CASHIER

FIELD NAME	DATA TYPE	CONSTRAINT
CUSTOMER_ID	INT	PRIMARY KEY
EMPLOYEE ID	INT	
EMPLOYEE NAME	enum	
PHONE_NO	INT	

### 4).TABLE PAYMENTS

FIELD_NAME	DATA TYPE	CONSTRAINT
PAYMENT_NO	INT	FOREIGN KEY
CUSTOMER_ID	INT	FOREIGN KEY
NAME_OF_CUSTOMER	INT	FOREIGN KEY
TOTAL_AMOUNT	INT	

