**KONGU ENGINEERING COLLEGE**

**(Autonomous)**

# PERUNDURAI, ERODE- 638 060

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**20ITL53 - CASETOOLS LABORATORY SOFTWARE REQUIREMENT SPECIFICATION**

**ONLINE FOOD-ORDERING SYSTEM**

# NAME : AKSHAY RS

# ROLL NO : 20ITR007

**BRANCH : INFORMATION TECHNOLOGY YEAR : III**

# SECTION : A



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## INTRODUCTION:

* 1. **PURPOSE:**

Main objective of Online Food-Ordering system is to manage the details of item category, food, delivery address, order, and shopping cart. It manages all the information about item category, customer, shopping cart, item category. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose is to build and application program to reduce the managing the item category, food customers. It tracks all he delivery address ordered.

## SCOPE:

* + - It can be used only in presence of proper internet connection so that the users can know the details of their accounts, availability of restaurants,food and payment details.
    - It provides information’s like details of food,insertion of new food-items,deletion of food-items,food availability.

## DEFINITONS:

**Restaurant :**Refers to the place where user can order their required food items and receive in hands.

**Customer:** Refers to the one who has access to various restaurants available in the website and the one who can order their foods.

**Manager:**Refers to the one who can add and remove restaurants.

## OVERVIEW OF THE PROJECT:

Online food ordering is the process of ordering food from a website .The product can be either ready-to-eat food or food that has not been specially prepared for direction.The aim of developing Online Food Ordering system project is to replace the traditional way of taking orders with computerized system. Another important reason for developing this project is to prepare order summary reports quickly and in correct format at any point of time when required.

## INTERFACE REQUIREMENTS: SOFTWARE INTERFACE:

**FRONT-END:**

* REACT JS
* Sublime text

## BACK-END:

* PHP
* Web server – Xampp in phpMyAdmin
* Back End – SQL Database

## SYSTEM FUNCTION:

* The Manager can add, remove and update the Restaurants through this .
* The Manager can also view the details of the various User and the orders placed by them.
* User can able to view the Restaurant and order food in their desired restaurants.
* The users must be an existing user to use the site. If not, they need to register as new user and then, they need to login to the site.
* The users can able to search for the food-items in the desired restaurant, view food description,food price and can order.

## USER CHARACTERISTICS:

1. **User/Customer Module**–User will check the Restaurants available.
   * View Restaurants / Food-items
   * Order Food
   * Make payment

### Manager Module

* + Add Restaurant
  + Remove Restaurant
  + Include Menu

### Restaurant Module

* + Add/ Remove Food-items
  + Update food-items
  + View Orders

## NON-FUNCTIONAL REQUIREMENTS:

* Portal will be on service 24/7.
* Any system crash may occur, so backing up of data in advance must be practiced.
* System should provide 100% access reliability.
* Information must get refreshed depending upon the updates that have occurred.

## CONSTRAINTS:

* 1. **ASSUMPTIONS:**
     + Information of all users, restaurants must be stored in a database that is accessible in the website.
     + System should have more storage capacity and provide fast access to the database.
     + Users must have their correct usernames and passwords to enter into their online accounts and do actions
     + Users may access from any computer that has Internet browsing capabilities and an internet connection.

## DEPENDENCIES:

* + - Users and Manager must have basic knowledge of computers and English Language.
    - Users must search the desired food items or restaurants either with food-item name or by restaurant in the search option.