**Software Requirements Specification (SRS) document for a restaurant website:**

**Introduction:-**

A restaurant is a place where people enjoy spending time, exploring variety of eating options along with a nice ambience. Here we bring together an exquisite dining experience and exceptional customer service via an online website. A restaurant website helps in making this experience far more organized and time efficient. The restaurant website will help the user to have a look over all the available food options, that is view the menu, and also allow them to order food online, while providing features such as Online payment, resolving queries with the help of a chatbot, and also make prior reservations of the tables.

* 1. Purpose:

The purpose of this document is to define the functional and non-functional requirements for a comprehensive Restaurant Website. The website would allow the customers to reserve tables, view menu and check availability, order food online and make online payments as well as provide administrators with a management platform to handle the various customer queries.

* 1. Scope:

This restaurant website would be offering some of the following key features:-

* Enabling and promising the user/customer to easily to easily get information on the restaurant, location, the menu and home delivery options.
* Attractive and easy to use interface
* Feedback from customer, to help attract newer customers.
* Interesting blogs/stories on the restaurant’s foundation, best-selling dishes, etc.
* Allow customers to make reservations in advance.
* Help resolving customer queries via chatbot.
  1. Definitions, Acronyms, and Abbreviations:

SRS: Software Requirement Specification

System Operator: System administrator, Manager, Staff, Chef.

Accession number: It is a unique sequence number allocated to each food item in the menu.

Customer: Any user who wants to order food or make reservations of tables.

System Administrator/Administrator: User having all the privileges to operate the website.

Restaurant: A restaurant is a business entity that offers food and beverage options.

* 1. References:

1. Software Engineering by K.K. Aggarwal & Yogesh Singh, New Age Publishing House, 3rd Edition, 2008.
2. IEEE Recommended Practice for Software Requirements Specifications—IEEE Std. 830-1998.
3. IEEE Standard for Software Test Documentation—IEEE Std. 829-1998.

1.5 Overview:

The rest of the SRS document describes various system requirements, interfaces, features and functionalities

**Overall Description:**

The Restaurant Website is aimed at developing a website that is attractive, easy to use, consists of all the needed features a user would have in mind while exploring different dining/lunching options. The website shall provide easy access to all of its respective features.

The system would allow the customers to reserve tables, view menu and check availability, order food online and make online payments as well as provide administrators with a management platform to handle the various customer queries.

The website would be having the following information:

* Food Menu List
* Table List
* Reserved Table list

The Website will perform the following functions:

* Online Food Ordering
* Online Table Reservation
* Providing payment options
* Solving Customer Query
* Accept customer’s feedback

The website requires the following information:

* User Id
* User Password

2.1 Product Perspective:

The LMS shall be developed using client/server architecture and will be compatible with Microsoft Windows Operating System. The front-end of the system will be developed using Javascript and CSS and the back-end will be developed using MS SQL Server and Django.