**Requirement Specification**

**PROJECT DESCRIPTION:**

The aim of web application is to support the online ordering of foods and drinks that leads to better customer support, with providing a scalable and reliable web environment to 'Fine Dining' Restaurant for getting their orders online.

Currently, there is no alternative mechanism for ordering food other than going to the restaurant and stand in queue. Unlike the current process in which customers have to stand in line for an average of 30 minutes to order food, the 'Fine Dining' Restaurant application will enable customers to order food online as per their convenience, and produce receipt in the restaurant on arrival and getting their order processed instantly. Restaurant customers can view their account order history & cancel their orders online. The overall aim of the application is to support their customer more efficiently with easing the process of food ordering, which will benefit the restaurant in getting more customers resulting in more revenue generation.

The Fine Dining Restaurant application will also be equipped with a mechanism to provide the application administrator access for Employee management, Menu Management & Order Management, providing a direct control to all activities of the restaurant.

**FUNCTIONAL REQUIREMENTS:**

* **FR 1** Customer shall be able to create his/her order
* FR 2 Customer shall be able to edit his/her profile.
* **FR 3** System shall provide 'Role' based login access.
* **FR 3** System shall display the menu to the customer.
* **FR 5** System shall enable customer to select a desired meal.
* **FR 6** System shall enable customer to make payment online.
* **FR 7** System shall enable customer to view his/her account 'order history'.
* **FR 8** System shall enable customer to cancel their order online.
* **FR 9** System shall provide customer with an option to edit order
* **FR 10** System shall enable authorized restaurant employees to retrieve a particular order from the server.
* **FR 11** System shall enable authorized restaurant employees to view all restaurant orders.
* **FR 12** System shall enable authorized restaurant employees to process the order.
* **FR 13** System administrator have access to create new employees profile.
* **FR 14** System administrator have access to update menu items, add new items and delete items from the restaurant menu.
* **FR 15** System administrator have access to manage employee profile.
* **FR 16** System administrator can view all the orders status and their details.

**BUISNESS REQUIREMENTS**

* BR 1. System shall generate an order summary on completion of order.
* BR 2. Only authorized personals shall have the access to the system.
* BR 3. System should be scalable and reliable.
* BR 4. System shall provide visa and master card payment option to customers.
* BR 5. System shall generate unique transaction number for every transaction processed.

**Constraints**

* Oracle SQL database shall be utilized.S