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| Online Food Ordering System |
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SRS Document

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**Abstract**

The Online Food Ordering System described in this document has been designed to fill a specific niche in the market by providing small restaurants with the ability to offer their customers an online ordering option without having to invest large amounts of time and money in having custom software designed specifically for them. The system, which is highly customizable, allows the restaurant employees to easily manage the site content, most importantly the menu, themselves through a very intuitive graphical interface.

The purpose of this document is to provide in-depth descriptions of design and implementation details of the system, as well as descriptions of all available functionality and plans for evolution. In addition, user manuals and trouble-shooting tips have been included for all three components to give the reader a clear idea of intended typical use cases for the system.

**Scope**

The project aimed is to developing an order system that can be used in the small medium enterprise food & beverages (F&B) industries which can help the restaurants to simplified their entire daily operational task as well as improve the dining experience of customers.

The system will be in 2 platforms which are mobile and computer based. For the mobile based platform will developed to let user to view the menu card information of the restaurant and able to let user place an order via the system. In computer based platform, the system will be able to let staff to update and make changes to their food and beverage menu information. Next, it also allows staffs to generate report that they wish to generate such as monthly sales report. The most important function is to allow staffs to make billing statement for consumer to make their payment after dine-in.

At the end of the project, it will improve the restaurants productivity, efficiency, effectiveness and as well as accurateness. Because of this system, it will minimize all the manual work by replacing the traditional order system into a computer system. It will eliminate the manual work such as workers physically deliver food order ticket into the kitchen, manually replace the price tag of the food and manually calculate billing price.

# Requirements Specification

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## System Model

The structure of the system can be divided into three main logical components. The first component must provide some form of menu management, allowing the restaurant to control what can be ordered by customers. The second component is the web ordering system and provides the functionality for customers to place their order and supply all necessary details. The third and final logical component is the order confirm the order. Used by the restaurant to keep track of all orders which have been placed, this component takes care of displaying order information, as well as updating orders which have already been processed.

## Functional Requirements

As can be seen in the system model diagramed above, each of the three system components essentially provides a layer of isolation between the end user and the database. The motivation behind this isolation is twofold. Firstly, allowing the end user to interact with the system through a rich interface provide a much more enjoyable user experience, particularly for the non-technical users which will account for the majority of the system’s users. In addition, this isolation layer also protects the integrity of the database by preventing users from taking any action outside those which the system is designed to handle. Because of this design pattern, it is essential to enumerate exactly which functions a user will be presented and these functions are outlined below, grouped by component.

### The Ordering System

Users of the web ordering system, namely restaurant customers, must be provided the following functionality:

* Create an account.
* Manage their account.
* Log in to the system.
* Select an item from the menu.
* Customize quantity for a selected item.
* Add an item to their current order.
* Review their current order.
* Provide delivery and payment details.
* Place an order.
* Receive confirmation in the form of an order number.

As the goal of the system is to make the process of placing an order as simple as possible for the customer, the functionality provided through the web ordering system is restricted to that which most pertinent to accomplish the desired task. All of the functions outlined above, with the exceptions of account creation and management, will be used every time a customer places an order. By not including extraneous functions, I am moving towards my goal of simplifying the ordering process.

## Non-functional Requirements

* User interface must be user friendly.
* Menu should provide useful information including images of food so customer can easily understand.
* The system should respond in time to reduce the traffic in the restaurant.
* For security purposes, include a back-up procedure
* For privacy purposes, protect customer details while paying by card.

#### Level 1: The location form

Currently the location form only offers the user the option to enter their location.

#### Level 2: The Order form

The order form, which is dynamically generated based on selections from the main menu,

#### Level 3: The confirmation form

This form notify about whether the order is placed or not

**Entering the location**

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| |  |  | | --- | --- | |  | When a customer first visits the website, they must enter his/her location | |  |

#### Selecting Food Items

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|  | After fill the required fields, select the food item and quantity and place the order. |

#### Confirm Notification

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| After placing the order, the notification will be display thatinforms you whether your order has been placed or not. |  |