Requirements Document

Project: Asian Food Center

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# Business Requirements

## Introduction

This is the business requirement document preparing for Asian Food Center with information about requirements of development of web application.

## Statement of Problem or Need

The problem of lacking of online system affects both customers and company users and the management team as a whole, resulting in reduced customer numbers, inability to promote products online, poor financial performance and inefficient processes.

A successful solution would enable customers to search products and make esquires online and be integrated with an accounting system to allow management team to query financial data.

## Business Requirements

### List of stakeholders

Identify the main stakeholders

* The Management team that funds and governs the website, and funds the new online system.
* The IT Agency that submit the certificates for the company.
* The Customers who want to view products and services online.
* The Suppliers who supply all the cooking needs and materials.
* The manager who might enter product information and request reports.
* The Marketing manager who requires sales reports and provide marketing information.
* The Finance manager who is interested in pricing and sales.

### Client

Identify your contact person who will represent one of the stakeholders.

### List of business requirements

List of business processes

The online system would be able to make use of an intuitive graphical look and feel.

The online system should be capable of the following tasks:

* Provide a web interface that enable customers to search chef and recipes, review product , make inquiry products or services online.
* Provide a interface for customers so that they can register as a member in order to get more information in the future.
* Provide a user interface with a graphical layouts enabling customers to check the product images, description and features.
* provide a user interface with a graphical layouts enabling chefs to trace the recipes.
* Provide a interface that enable manager to check and update the users.
* Product mailing lists for the promotion of new products and featured services.

### Quality requirements

List of non-functional requirements, i.e. security requirements and other e.g. quality requirements (e.g. availability, portability)

Security requirements to be included:

* Prevent the system from most common security threats and attacks.
* Protect customer information.
* Use a secure payment process.
* Provide electronic order confirmation.

### Usability

* Application must use intuitive design, with easy navigation and functions for users to view the product and make a order.

### Portability

* The mobile phone interface is the first priority for customers.
* For staff users, the first priority is desktop and tablet.

# Business Solution

## Options considered

* + Option 1: Custom-built online system
  + Option 2: Web-based application using Django

## Recommended Solution

### Business Solution outline

Solution position statement:

For users who what to view our chefs information and recipes the Asian food center online system is a service that allows them to easily search products and services from any device.

Unlike the shop visiting and calling based process, our solution offers an attractive, easy to use, always available, streamlined process that delivers the information directly to your inquiries. Moreover it is easy to maintain and update, and allows a full range of date queries.

### Main Features

List three main features

* Users can view a recipe online - easy to use and bring more users
* Easy to promote new chefs and recipes and service online
* Produced reports and database will better support decision making process

### Unique value proposition / Justification

What makes your recommended solution unique?

Why do you recommend this one?

* Online system is available anytime and anywhere
* Easy to maintain and update products and services and pricing
* Intuitive user interface and can be customized
* Database is securely stored and can be reviewed effectively

# Solution Requirements

## Context Diagram

## User Roles

## Business Domain Model

Entity Relationship Diagram

Description or Definition of each entity

## User Stories

Write user stories for that business process including supporting business processes (e.g. data set up, configuration)

## Non Functional Requirements

### Security requirements

### Other quality requirements

# Scope

Indicate which requirements you plan to include in the first two iterations. Note that this may change as you advance through the project.

The first release will focus on online searching of chefs and its related recipes.

The user story is:

* As a user I want to view website information and get new information about it quickly.

The supporting user story:

* As an administrator, I want to publish our products online so that more people can visit our website.
* As a user, I want to be able to view and search products online.
* As an administrator, I want to be able to manage user permissions as well as groups.

*List the users of the application for this release.*

*The users of the application of this release will be:*

* *Chefs- post and update recipes online*
* *Customers - search recipes, view information, services, support*
* *Administration user - enter and update data about users and products*

## Iteration 1

List user stories

List non-functional requirements

## Iteration 2

List user stories

List non-functional requirements

## Backlog

### user stories

The following user stories are out of scope of the first release:

* As an accountant, I want to view weekly, monthly, quarterly and annual sales reports in order to product the financial reports.
* As marketing manager, I would like to publish our upcoming products and services on social media so that it will bring more people to the website.

The following features are out of scope of the first release:

* Interface with accounting system
* Interface with marketing system
* Differentiate user permissions
* Integration with social media