FUNCTIONAL REQUIREMENT DOCUMENT

Website for a restaurant

Document Information

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| Document Attributes | Description |
| Document ID | Doc001 |
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| Contributor | - |

Revision History

|  |  |  |
| --- | --- | --- |
| Version | Date | Changes |
| Draft | 01-October-2024 | New Document |
| V0.1 |  |  |
|  |  |  |

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Reviewer/ Approver | Role | Comments | Date |
|  |  |  |  |
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# 1. Introduction

## 1.1 Purpose

This document outlines the functional requirements for the development of a website for an Indian restaurant. The website will serve as an online platform for customers to explore the restaurant's menu, make online reservations, and place orders for delivery or pickup.

## 1.2 Scope

The website will focus on the following core functionalities:

* Menu display and search
* Online reservations
* Online ordering and payment
* Contact information and location details
* Integration with third-party delivery services (e.g., Swiggy, Zomato)

## 1.3 Assumptions

**General Assumptions**

* The restaurant has an established brand identity and logo.
* The restaurant has a defined menu structure and pricing.
* The restaurant will provide accurate and up-to-date information for the website.
* The website will be developed using a responsive design to accommodate different screen sizes.
* The restaurant has a reservation management system in place (if applicable).
* The restaurant has agreements with third-party delivery services (if applicable).
* The restaurant has a budget allocated for website development and maintenance.

**Technical Assumptions**

* The website will be built using a modern web development framework (e.g., React, Angular, Vue).
* The website will be hosted on a reliable cloud platform.
* The website will be optimized for search engines (SEO).
* The website will be compatible with major web browsers (Chrome, Firefox, Safari, Edge).
* The restaurant will have access to a content management system (CMS) to update and manage the website content.

**Business Assumptions**

* The restaurant has a target audience identified.
* The restaurant has a clear understanding of its goals and objectives for the website.
* The restaurant is committed to providing excellent customer service through the website.
* The restaurant is willing to invest in ongoing website maintenance and updates.

# 2. Functional Requirements

## 2.1 Homepage

* Display the restaurant's logo and name prominently.
* Showcase a visually appealing hero image or slideshow.
* Provide a clear navigation menu with links to the menu, reservations, ordering, contact, and location sections.
* Include a brief description of the restaurant's cuisine and philosophy.
* Display testimonials or reviews from satisfied customers.

## 2.2 Menu

* Allow users to browse the menu by category (e.g., appetizers, main courses, desserts).
* Display detailed information about each dish, including:
  + Name
  + Description
  + Price
  + Image
* Provide a search functionality to allow users to find specific dishes by name or ingredient.
* Allow users to add items to their cart for ordering.

## 2.3 Reservations

* Provide an online reservation system with the following features:
  + Date and time selection
  + Party size
  + Request for special accommodations
  + Confirmation email sent to the customer
* Integrate with the restaurant's reservation management system (if applicable).

## 2.4 Ordering

* Allow users to place orders for delivery or pickup.
* Provide a shopping cart functionality to track items added to the order.
* Require customers to provide their contact information and delivery address.
* Offer multiple payment options (e.g., credit/debit cards, online wallets, cash on delivery).
* Integrate with third-party delivery services (if applicable).
* Send order confirmation emails to customers.

## 2.5 Contact and Location

* Display the restaurant's contact information, including:
  + Phone number
  + Email address
  + Website address
* Provide a map with the restaurant's location.
* Include a contact form for users to submit inquiries or feedback.

## 2.6 Additional Features

* Consider implementing the following additional features:
  + Loyalty program
  + Blog or news section
  + Social media integration
  + Mobile app (if applicable)

# 3. Non-Functional Requirements

* **Performance:** The website should load quickly and be responsive.
* **Security:** The website should be secure and protect customer data.
* **Accessibility:** The website should be accessible to users with disabilities.
* **Scalability:** The website should be able to handle increasing traffic and growth.
* **Maintainability:** The website should be easy to update and maintain.

# 4.Acceptance Criteria

**Homepage**

* The restaurant's logo and name are prominently displayed in the header.
* A visually appealing hero image or slideshow is featured.
* The navigation menu includes clear links to the menu, reservations, ordering, contact, and location sections.
* A brief description of the restaurant's cuisine and philosophy is provided.
* Testimonials or reviews from satisfied customers are displayed.

**Menu**

* Users can easily browse the menu by category (e.g., appetizers, main courses, desserts).
* Detailed information about each dish, including name, description, price, and image, is displayed.
* The search functionality allows users to find specific dishes by name or ingredient.
* Items can be added to the cart for ordering.

**Reservations**

* The online reservation system allows users to select a date, time, party size, and request special accommodations.
* A confirmation email is sent to the customer upon successful reservation.
* The reservation system integrates with the restaurant's reservation management system (if applicable).

**Ordering**

* Users can place orders for delivery or pickup.
* The shopping cart functionality accurately reflects items added to the order.
* Customers are required to provide their contact information and delivery address.
* Multiple payment options are available (e.g., credit/debit cards, online wallets, cash on delivery).
* The ordering process integrates with third-party delivery services (if applicable).
* Order confirmation emails are sent to customers.

**Contact and Location**

* The restaurant's contact information, including phone number, email address, and website address, is clearly displayed.
* A map with the restaurant's location is provided.
* The contact form allows users to submit inquiries or feedback.

**Additional Features (if applicable)**

* The loyalty program functions as intended.
* The blog or news section is regularly updated with relevant content.
* Social media accounts are integrated with the website.
* The mobile app (if applicable) offers a seamless user experience.

**Performance and Usability**

* The website loads quickly and is responsive across different devices and screen sizes.
* The website is easy to navigate and use.
* The website is accessible to users with disabilities.

**Security**

* Customer data is protected using industry-standard security measures.
* The website is free from vulnerabilities that could be exploited by malicious actors.

**Maintainability**

* The website is well-documented and easy to update and maintain.
* Changes can be made efficiently without affecting the overall functionality of the website.