Software Requirements Specification

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Online Food Ordering System – Admin Side

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1. Introduction

1.1 Purpose

The purpose of this document is to specify the requirements for the admin side of an online food ordering system, providing a clear understanding of what the system should do and how it should be implemented. This SRS document will help ensure that the final product meets the customer's needs.

1.2 Scope

The admin side of the system is only limited to allowing restaurant owners or administrators to manage their menus, process orders, and view reports on sales and customer behavior. The system will not be responsible for handling payments or delivering food. These features are outside the system's scope.

1.3 Overview

The admin side of the system will be a web-based interface that can be accessed from any device with a modern web browser. It will provide restaurant owners or administrators the ability to manage their menus, process orders and view list of sales. The system will have a Graphical User Interface (GUI) for easy navigation, it will allow the users to login with unique username and password, allowing them to manage their menus by adding, editing or deleting items from it, also specify availability, pricing and any discounts or promotions that may apply. It will also have the functionality to manage orders, allowing them to view, update, and cancel orders placed through the customer-facing side of the system. Restaurant owners or administrators will be able to log in to the system using a unique username and password.

1.4 Definitions, Acronyms, and Abbreviations

GUI: Graphical User Interface

API: Application Programming Interface

2. Overall Description

2.1 User Profile and Needs

The primary users of the admin side of the online food ordering system will be restaurant owners or administrators. They will use the product on a regular basis to manage their menus, process orders, and view reports on sales and customer behavior. The product needs to fulfill their needs for an easy to use, efficient and effective solution to manage the day-to-day operations of their restaurant. The users need an easy to use and navigate GUI, the ability to manage menus, including adding, editing and deleting items, specify availability, pricing and discounts. Have the ability to view and manage orders placed through the customer-side of the system and the ability to add, edit and delete user accounts.

2.2 Assumption and Dependencies

It is expected that users (restaurant owners and administrators) are familiar with basic computer usage and web navigation. It is assumed that the system will be used in conjunction with a separate customer-side of the online food ordering system.

The system will also require an internet connection to function properly and may need to interface with other software systems, such as payment gateways.

3. System Features and Requirements

3.1 Functional Requirements

3.1.1 Menu management

Restaurant owners or administrators will be able to add, edit, and delete items on their menus. They will also be able to specify availability (e.g. breakfast, lunch, dinner) and pricing.

3.1.2 Order management

Allows restaurant owners or administrators to view, update, and cancel orders placed through by the customer-facing side of the system.

3.1.3 User management

Allows restaurant owners or administrators to add, edit, and delete user accounts, as well as reset passwords if needed.

3.2 External Interface Requirements

3.2.1 User interfaces

The system will have a GUI that is accessible through a web browser. The GUI will be responsive and easy to use, with clear and intuitive navigation.

3.2.2 Software interfaces

The system may need to interface with other software systems, such as a payment gateway. Any necessary integration points will be specified in the form of APIs.

3.3 System Features

3.3.1 Order Panel

Manage all your orders through the admin dashboard. Able to add order and save customer name.

3.3.2 Sales History

Get access to the details of orders received and made successfully.

3.3.3 Maintenance

Manage products and category crud through the admin dashboard. Able to edit, add and delete products and category.

3.4 Non-Functional Requirements

3.4.1 Performance Requirements

The system must be able to handle a high volume of orders and menu updates without experiencing performance issues. The system must be responsive and should not take more than a few seconds to load pages or perform actions.

3.4.2 Usability

The system must be easy to use, with clear and intuitive navigation, and should not require extensive training for users to be able to perform their tasks.

3.4.3 Security Requirements

The system must use secure authentication and authorization protocols to protect against unauthorized access. The system must use secure methods for storing and transmitting data.