



WEB PROJECT

Food Ordering Website



Group Members

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Software Requirements Specification

CafeDeMax (Fast Food Ordering Website)

1. Introduction

1.1 Purpose

The purpose of this system is to provide a simple, user-friendly online ordering platform for a single fast-food restaurant. It allows customers to browse the menu, customize their meals, place orders for pickup or delivery, and make payments online or via cash. The restaurant staff can manage menu items, track and fulfill orders, and monitor sales(optional, will be updated on demand).

1.2 Scope

- **Customers:** Browse menu, place orders, pay, track order status.
- **Restaurant staff:** Manage orders, menu updates, delivery/pickup scheduling,.
- **Admin:** Maintain the system, monitor transactions, and generate reports.

2. Overall Description

2.1 Product Perspective

This system is a standalone web application tailored for one restaurant. It is simpler than aggregator apps (like Uber Eats) because it only handles one outlet's menu and orders.

2.2 User Classes

- **Customer:** End-users placing orders.
- **Restaurant Staff:** Kitchen & counter staff managing orders.
- **Admin/Owner:** Oversees menu, pricing and sales reports.

2.3 Operating Environment

- Web browsers (Chrome, Safari, Edge).
- Mobile-friendly (responsive design).
- Payment gateway integration (Stripe => for testing),easypaisa, jazzcash etc).

3. Functional Requirements (FR)

- **FR-1:** Customers can view the menu by category (burgers, fries, drinks, etc.).
- **FR-2:** Customers can add items to a cart with description.
- **FR-3:** Customers can place orders for pickup or delivery.
- **FR-4:** Customers can pay via card, wallet, or COD.
- **FR-5:** Staff can mark items as available/unavailable.
- **FR-6:** Staff can accept, reject, or update order status.
- **FR-7:** Admin can add/update menu items with images, prices, and descriptions.
- **FR-8:** System generates sales and order history reports.

4. Non-Functional Requirements (NFR)

- **NFR-1:** The website should load in ≤ 3 seconds on a 4G connection.
- **NFR-2:** The system should support up to 200 concurrent users.
- **NFR-3:** 99.5% uptime monthly.
- **NFR-4:** Secure connections using HTTPS/TLS 1.2+.
- **NFR-5:** Customer data must be encrypted in the database.
- **NFR-6:** The site must be mobile responsive.
- **NFR-7:** Order data backups must occur daily.

5. Constraints

- Only one restaurant outlet supported.
- Limited delivery zones (predefined).
- Payment options restricted to integrated gateway + COD.

6. Acceptance Criteria

- Customers can place an order from browsing to payment in under 2 minutes.
- Staff can see new orders instantly on their dashboard.
- Customers receive at least 3 status updates: Order Accepted, Ready,, Delivered.