

Marketplace Digital Framework for AS Foods

Technical Specifications for Food Website

1: System Structure Overview

Website Overview

User Interface (Frontend Pages)

1. **Homepage** - Features menu highlights, best-selling dishes, blog snippets, and chef spotlights.
2. **Menu Section** - Displays categorized food items with detailed descriptions.
3. **Product Page** - Provides information about individual food items, including ingredients and customization choices.
4. **Blog Hub** - A dedicated space for food-related articles, tips, and trends.
5. **Article Details** - Full view of selected blog posts.
6. **About Us** - Shares insights about the brand, its values, and its team.
7. **Contact Section** - Users can submit inquiries or feedback via a form.
8. **Culinary Experts** - Highlights renowned chefs and their special dishes.
9. **Shopping Cart & Checkout** - User-friendly and secure checkout process.
10. **User Account Management** - Registration and login functionalities.

Content Management (Backend - Sanity CMS)

Sanity CMS will handle:

- **Product Listings** - Categories, pricing, availability, and add-ons.
- **Blog Posts** - Article management including titles, content, and multimedia.
- **User Information** - Profiles, saved addresses, and order histories.

-Order Tracking - Real-time status updates on placed orders.

Third-Party API Integrations

1. Secure Payments - Integration with EasyPaisa or Jazzcash for online transactions.
2. Delivery Services - Seamless connectivity with logistics providers.
3. Authentication System - OAuth or custom login system for user accounts.
4. Order & Delivery Monitoring - APIs like Shippo for tracking deliveries.
5. Location & Mapping - Google Maps API for restaurant locations and delivery coverage.

2: Development Roadmap

Frontend Development

Phase 1: Develop the homepage with intuitive navigation.

Phase 2: Build essential sections:

- Menu
- Product Page
- Shopping Cart
- User Authentication (Sign Up/Sign In)

Phase 3: Implement interactive features:

- Blog Module
- Chef Highlights
- Contact Form

Backend Development

Step 1: Configure Sanity CMS for:

- Product inventory management
- Blog post organization

Step 2: Integrate APIs for:

- Online payments
- Order & delivery tracking

API Integrations

Stage 1: Implement user authentication (Google, Facebook login options).

Stage 2: Establish connectivity with food delivery services.

Stage 3: Integrate map functionalities for delivery zones.

3: Testing & Deployment

- Quality Assurance: Ensure mobile responsiveness and system stability.
- Deployment: Use hosting platforms such as Vercel for live deployment.

Final Output

A fully optimized and feature-rich online food ordering platform with seamless user experience and third-party integrations.

