

Project Proposal

Sindhi Namkeen & Dry Fruits

E-Commerce Platform Development

1. Introduction

This proposal outlines the development of a complete e-commerce platform for Sindhi Namkeen & Dry Fruits. The goal is to transform the existing website into a modern online store that allows customers to browse products, place orders, and make secure online payments while enabling efficient business management.

2. Project Objective

The objective of this project is to establish a professional online sales channel, improve customer convenience, automate order handling, and create a scalable digital foundation for future business growth.

3. Scope of Work

The scope includes development of a customer-facing shopping website, backend system, admin dashboard, payment processing, secure data storage, and performance optimization.

4. Customer Website Features

Customers will be able to browse products by category, view product details, add items to a cart, complete secure checkout, track orders, download invoices, and manage their accounts.

5. Admin Dashboard Features

The admin dashboard will allow product management, inventory tracking, order management, customer management, and access to sales reports and insights.

6. Payment & Transaction Handling

The platform will support secure online payments through UPI, cards, and net banking, with automatic verification, refund handling, and payment security compliance.

7. Backend System

The backend will manage authentication, orders, payments, inventory, notifications, and data security. It will be built using Flask and FastAPI to ensure reliability and scalability.

8. Data & Security

All business and customer data will be securely stored with encrypted access, regular backups, and strict access control to protect against unauthorized usage.

9. Performance & Quality

The platform will be optimized for fast loading, mobile responsiveness, smooth user experience, and long-term scalability.

10. Development Phases & timeline

Phase 1: Foundation Setup (2 days)

Phase 2: Core Shopping Features (1 week)

Phase 3: Checkout & Payments (1 week)

Phase 4: Admin Dashboard (1 week)

Phase 5: Enhancements & Optimization (2 days)

Phase 6: Testing & Launch (3 days)

11. Pricing, costs, and team

Team size: 2

Cost: **\$50-60 per month** (render and supabase cost, might need to be upgraded to AWS based on requirement)

Development cost: **INR 25,000/-**

30 days website completion (development and production), with **15 days** contingency.

12. Business Benefits

The platform will increase sales reach, operate 24×7, reduce manual workload, improve inventory control, enhance customer experience, and support data-driven decision making.

13. Future Expansion Ready

The system will be designed to support future enhancements such as mobile apps, subscriptions, bulk orders, loyalty programs, and marketing integrations.

14. Conclusion

This project will provide Sindhi Namkeen & Dry Fruits with a secure, scalable, and professional e-commerce platform focused on business growth, customer trust, and operational efficiency.