

# Pizzaria Don Chevico Website - OnePager

## Project Overview

Pizzaria Don Chevico is a modern web application for a Brazilian pizzeria that will replace their current reliance on external e-commerce platforms. The website will serve as a comprehensive digital presence, allowing customers to learn about the pizzeria, view menu options, place orders, and contact the business directly.

## Problem Statement

Currently, Pizzaria Don Chevico relies on Instagram and external third-party platforms for online ordering, which creates a fragmented customer experience and limits their control over branding and customer data. They need a unified web presence that showcases their authentic Brazilian pizza offerings while providing seamless ordering functionality.

## Solution

A custom three-tier web application featuring:

- **About Us:** Story of the pizzeria, highlighting Brazilian pizza traditions and unique recipes
- **Contact Us:** Location, hours, phone, and contact form for customer inquiries
- **Pizza Menu:** Comprehensive catalog of pizza flavors with descriptions and pricing
- **Order System:** Integrated ordering functionality with customization options

## Target Users

- Local customers seeking authentic Brazilian pizza
- Food enthusiasts interested in unique pizza varieties
- Families and individuals looking for convenient online ordering
- Mobile users browsing and ordering on-the-go

## MVP Features

1. Responsive website showcasing pizzeria information
2. Dynamic pizza menu with categorized offerings
3. Basic order placement system with customer details
4. Contact form and business information display
5. Admin panel for menu management

## Technology Stack

- **Frontend:** React.js with responsive design for mobile and desktop
- **Backend:** Python with FastAPI framework for high-performance REST APIs
- **Database:** PostgreSQL with SQLAlchemy ORM for robust data management
- **API Documentation:** Automatic OpenAPI/Swagger documentation via FastAPI
- **Additional:** Pydantic for data validation, Alembic for database migrations

## API Architecture

- **RESTful Design:** Clean endpoint structure following REST principles
- **Authentication:** JWT tokens for admin authentication
- **Data Validation:** Pydantic models for request/response validation
- **Error Handling:** Comprehensive HTTP status codes and error messages
- **Performance:** Async/await support for optimal response times

## Success Metrics

- Increased direct orders (reducing dependency on third-party platforms)
- Improved customer engagement through integrated contact system
- Enhanced brand presence with professional web interface
- Streamlined menu management for staff
- Fast API response times (< 200ms average)

## Future Enhancements

- Online payment integration (Stripe, PagSeguro)
- Customer account system with order history
- Delivery tracking functionality
- Loyalty program integration
- Multi-language support (Portuguese/English)
- Real-time order status updates via WebSocket