Restaurant Management System - SaaS Implementation Plan

Phase 1: Production Ready (1-2 Days)

Task	Time Required	Priority	Notes
Environment Variables Setup	2 hours	High	DATABASE_URL, STRIPE_KEY, SECRET_KEY
PostgreSQL Migration	2 hours	High	Replace SQLite with PostgreSQL
SSL Certificate Setup	30 minutes	High	Let's Encrypt HTTPS
Authentication System	3 hours	High	Replace hardcoded passwords
Input Validation	2 hours	Medium	Sanitize all form inputs
Error Handling & Logging	1 hour	Medium	Comprehensive logging system
Database Indexing	1 hour	Low	Optimize query performance

Phase 2: Customization Features (1 Day)

Task	Time Required	Priority	Notes
Logo Upload System	2 hours	Medium	Restaurant branding capabilities
Color Scheme Customization	2 hours	Low	CSS theming system
Restaurant Info Setup	1 hour	Medium	Name, contact, business hours
Dynamic Table Configuration	2 hours	High	Admin sets table count
QR Code Generation	2 hours	High	Printable QR codes for tables

Phase 3: Subscription Management (2-3 Days)

Task	Time Required	Priority	Notes
Stripe Integration	4 hours	High	Payment processing system
Billing System	2 hours	High	Monthly recurring billing
Trial Period Implementation	2 hours	Medium	14-day free trial
Multi-tenant Architecture	6 hours	High	restaurant_id data isolation
Subdomain System	2 hours	Medium	Dynamic subdomain routing
Admin Panel	4 hours	Medium	Restaurant management interface

Deployment & Launch

Task	Time Required	Priority	Notes
Cloud Server Setup	2 hours	High	DigitalOcean/AWS deployment
Domain & SSL Configuration	1 hour	High	HTTPS setup
Monitoring Setup	1 hour	Medium	Performance monitoring
Documentation Creation	2 hours	High	User guides and tutorials
Customer Onboarding Flow	2 hours	High	Registration process
QR Code Package Generation	1 hour	High	Printable materials

Pricing Strategy

Plan	Price/Month	Tables	Features
Basic	$29	Up to 20	Basic analytics, Email support
Pro	$49	Up to 50	Advanced analytics, Priority support, Custom branding
Enterprise	$99	Unlimited	Custom features, Phone support, API access

Quick Launch Checklist (For Tomorrow)

Priority	Task	Time	Status
1	Deploy to cloud platform	2 hours	■
2	Configure HTTPS and domain	1 hour	■
3	Test all core functionality	1 hour	■
4	Create basic documentation	1 hour	■
5	Set up payment processing	1 hour	■
6	Create onboarding process	1 hour	■