

# Technical Architecture Guide

## 1. System Overview

Our system uses a microservices architecture with the following components:

- API Gateway: Handles authentication and request routing
- User Service: Manages user accounts and profiles
- Order Service: Processes orders and payments
- Notification Service: Sends emails and push notifications

## 2. Database Schema

The primary database is PostgreSQL with the following key tables:

Table	Description	Primary Key
users	User accounts	user_id
orders	Customer orders	order_id
products	Product catalog	product_id
audit_log	System events	log_id

## 3. API Endpoints

All API endpoints require authentication via JWT tokens. The base URL is <https://api.example.com/v1/>