Appendix

Environment Variable Reference

Variable	Type	Required	Description
ENV	string	Yes	Environment (DEVELOPMENT/PRODUCTION)
API_PORT	number	Yes	Server port (default: 3610)
BASE_DOMAIN	string	Yes	API base URL
DB_HOST	string	Yes	PostgreSQL host
DB_PORT	number	Yes	PostgreSQL port
DB_USER	string	Yes	PostgreSQL username
DB_PASSWORD	string	Yes	PostgreSQL password
DB	string	Yes	PostgreSQL database name
MONGO_DB	string	Yes	MongoDB connection string
REDIS_HOST	string	Yes	Redis host
REDIS_PORT	number	Yes	Redis port
REDIS_PASSWORD	string	No	Redis password
JWT_SECRET	string	Yes	JWT signing secret
XENDIT_SECRET_KEY	string	Yes	Xendit API secret key
XENDIT_CALLBACK_TOKEN	string	Yes	Xendit webhook token
GOSEND_CLIENT_ID	string	Yes	GoSend API client ID
GOSEND_KEY	string	Yes	GoSend API key
GOSEND_ADDRESS	string	Yes	GoSend API base URL
MINIO_ENDPOINT	string	Yes	Minio server endpoint
MINIO_PORT	number	Yes	Minio server port
MINIO_ACCESS_KEY	string	Yes	Minio access key
MINIO_SECRET_KEY	string	Yes	Minio secret key
EMAIL_HOST	string	Yes	SMTP host

Variable	Type	Required	Description
EMAIL_PORT	number	Yes	SMTP port
EMAIL_USER	string	Yes	SMTP username
EMAIL_PASSWORD	string	Yes	SMTP password

Database Schema Overview

Key PostgreSQL Tables

- **store**: Store information and settings
- **user_info**: User profiles and authentication
- **product**: Product catalog
- **product_variant**: Product variations (size, color, etc.)
- **store_order**: Order records
- **store_order_details**: Line items in orders
- **cart**: Shopping cart items
- **address_list**: Delivery addresses
- **balance_mutation**: Financial transactions
- **affiliate_account**: Affiliate user accounts
- **affiliate_commissions**: Commission records
- **affiliate_invitations**: Referral relationships
- **review**: Product reviews
- **voucher**: Discount codes
- **virtual_account**: Payment virtual accounts
- **xendit_invoice**: Payment invoices
- **bank_info**: Bank account information
- **payout_record**: Payout history

Key MongoDB Collections

- **store_chat**: Chat messages
- **store_chat_room**: Chat room metadata
- **affiliate_category**: Affiliate product categories
- **affiliate_clicks**: Click tracking for affiliate links
- **affiliate_links**: Generated affiliate links
- **order_info_cached**: Cached order data
- **shipping_info_cached**: Cached shipping calculations
- **price_info_cached**: Cached price calculations

API Response Status Codes

Code	Meaning	Usage

200	OK	Successful request
201	Created	Resource created successfully
400	Bad Request	Invalid request parameters
401	Unauthorized	Authentication required
403	Forbidden	Insufficient permissions
404	Not Found	Resource not found
422	Unprocessable Entity	Validation errors
500	Internal Server Error	Server error
503	Service Unavailable	Service temporarily unavailable

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