

# DOKUMENTASI API (BACKEND)

## Prerequisites (Syarat)

- Go 1.20 atau lebih baru
- PostgreSQL
- Git

## Installation

### 1. Clone repository ini

```
● ● ●  
https://github.com/canghafiz/xsell-backend.git  
cd xsell-backend
```

### 2. Install dependencies

```
● ● ●  
go mod download
```

### 3. Setup Environment Variables

Buat file .env di root directory project Anda dan isi dengan konfigurasi berikut:

```
● ● ●  
  
# Database Configuration  
DB_HOST=localhost  
DB_PORT=3306  
DB_DATABASE=nama_database  
DB_USERNAME=root  
DB_PASSWORD=  
  
# Application Configuration  
APP_NAME=YourAppName  
APP_PORT=8080  
APP_STATUS=Production/Debug  
  
# JWT Configuration  
JWT_KEY=your_jwt_secret_key_here
```

## 4. Penjelasan Environment Variables

Variable	Deskripsi	Default Value	Required
DB_HOST	Host database server	localhost	Yes
DB_PORT	Port database server	3306	Yes
DB_DATABASE	Nama database	-	Yes
DB_USERNAME	Username database	root	Yes
DB_PASSWORD	Password database	(kosong)	No
APP_NAME	Nama aplikasi	YourAppName	Yes
APP_STATUS	Environment aplikasi (development/production)	development	Yes
APP_PORT	Port aplikasi	8080	Yes
JWT_KEY	Secret key untuk JWT authentication	-	Yes

## 5. Contoh File .env

Copy file .env.example ke .env:

```
● ● ●
cp .env.example .env
```

## 6. Database Setup

```
● ● ●
// Buat Db baru
CREATE DATABASE nama_database;

// Jalankan Migration
migrate -database "postgres://username:pw@tcp(localhost:port)/db_name" -path db/migrations up
```

## Usage

- **Development**

Jalankan aplikasi dalam mode development:

```
● ● ●
go run main.go
```

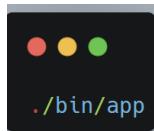
- **Build**

Build aplikasi:

```
● ● ●
go build -o bin/app main.go
```

- **Run Production**

Jalankan binary hasil build:



## Documentation Api (Postman)

- <https://documenter.getpostman.com/view/18098423/2sB3dWr6zU>