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**Dokumentasi API Test Digital Solusi Grup**

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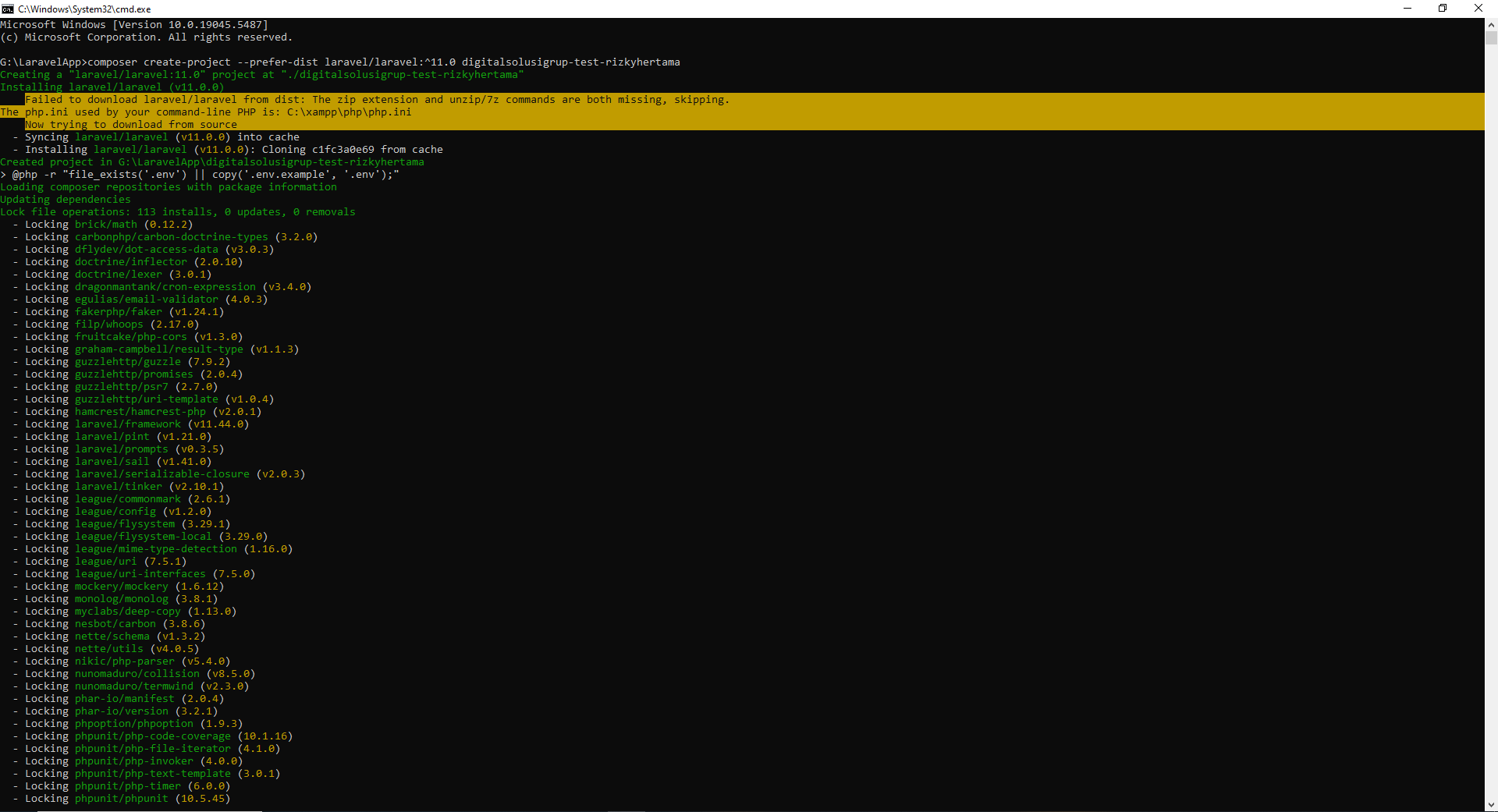
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# Environment Setup

## Create project Laravel 11

composer create-project --prefer-dist laravel/laravel:^11.0 digitalsolusigrup-test-rizkyhertama

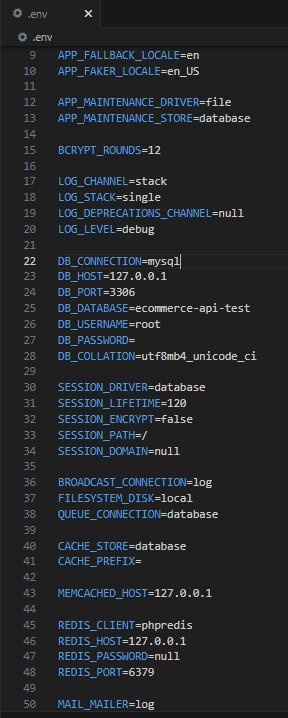


## Install Laravel Api

php artisan install:api

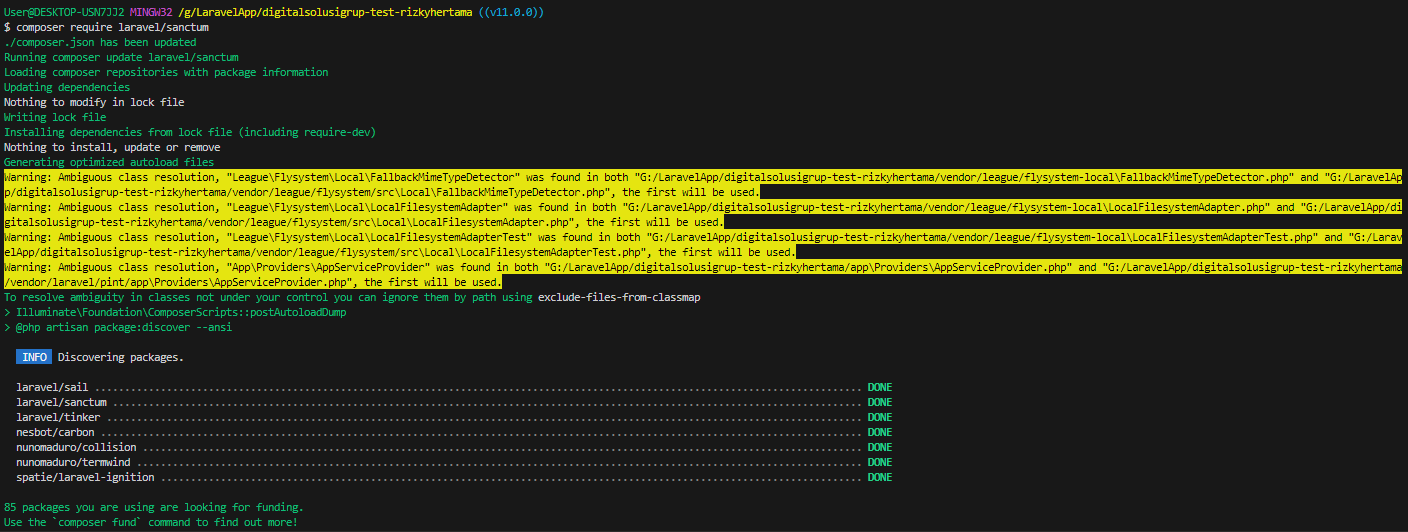


## Connect DB



## Install Laravel Sanctum (Auth Token)

composer require laravel/sanctum



# Endpoint Product

## getProducts (GET)

|  |  |
| --- | --- |
| Endpoint | <http://127.0.0.1:8000/api/products> |
| Bearer Token | - |
| Request Body | - |
| Response Body |  |

## getProductId (GET)

|  |  |
| --- | --- |
| Endpoint | [http://127.0.0.1:8000/api/products/{id}](http://127.0.0.1:8000/api/products/%7bid%7d) |
| Bearer Token | - |
| Request Body | - |
| Response Body |  |

## insertProduct (POST)

|  |  |
| --- | --- |
| Endpoint | <http://127.0.0.1:8000/api/products> |
| Bearer Token | Ambil dari token user yang sedang login (role admin) |
| Request Body | {      "name": "Laptop Gaming",      "description": "Laptop dengan spesifikasi tinggi",      "price": 15000000,      "stock": 10  } |
| Response Body | Jika sukses    Jika role selain admin coba mengakses |

## updateProduct (PUT)

|  |  |
| --- | --- |
| Endpoint | [http://127.0.0.1:8000/api/products/{id}](http://127.0.0.1:8000/api/products/%7bid%7d) |
| Bearer Token | Ambil dari token user yang sedang login (role admin) |
| Request Body | {              "name": "iPhone 14",              "description": "Smartphone Apple dengan A15 Bionic",              "price": "14000000.00",              "stock": 10,              "created\_at": "2025-02-26 14:05:24",              "updated\_at": "2025-02-26 14:05:24"  } |
| Response Body | Jika sukses    Jika produk id tidak ditemukan    Jika role selain admin coba mengakses |

## deleteProduct (DEL)

|  |  |
| --- | --- |
| Endpoint | [http://127.0.0.1:8000/api/products/{id}](http://127.0.0.1:8000/api/products/%7bid%7d) |
| Bearer Token | Ambil dari token user yang sedang login (role admin) |
| Request Body | - |
| Response Body | Jika sukses    Jika produk id tidak ditemukan    Jika role selain admin coba mengakses |

# Endpoint Order & Invoice



## insertOrder (POST)

|  |  |
| --- | --- |
| Endpoint | <http://127.0.0.1:8000/api/orders> |
| Bearer Token | Ambil dari token user yang sedang login (role customer) |
| Request Body | {    "user\_id": 1,    "items": [      { "product\_id": 2, "quantity": 3 },      { "product\_id": 5, "quantity": 1 }    ]  } |
| Response Body |  |

## updateOrderStatus (PATCH)

|  |  |
| --- | --- |
| Endpoint | [http://127.0.0.1:8000/api/orders/{id}/status](http://127.0.0.1:8000/api/orders/%7bid%7d/status) |
| Bearer Token | Ambil dari token user yang sedang login (role customer) |
| Request Body | {      "status": "processing"  } |
| Response Body |  |

## insertPayment (POST)

|  |  |
| --- | --- |
| Endpoint | <http://127.0.0.1:8000/api/payments> |
| Bearer Token | Ambil dari token user yang sedang login (role customer) |
| Request Body | {    "order\_id": 1,    "amount": 43500000  } |
| Response Body | Jika sukses    Jika amountnya kurang dari total harga |

## insertInvoices (POST)

|  |  |
| --- | --- |
| Endpoint | <http://127.0.0.1:8000/api/invoices> |
| Bearer Token | Ambil dari token user yang sedang login (role customer) |
| Request Body | {    "order\_id": 1,    "custom\_price": 45000,    "invoice\_date": "2025-02-01"  } |
| Response Body |  |

# Endpoint Auth

## userRegister (POST)



|  |  |
| --- | --- |
| Endpoint | <http://127.0.0.1:8000/api/register> |
| Bearer Token | - |
| Request Body | //Contoh Role Customer  {      "name": "Customer User",      "email": "customer@example.com",      "password": "password123",      "password\_confirmation": "password123",      "role": "customer"  }  //Contoh Role Admin  {      "name": "Admin User",      "email": "admin@example.com",      "password": "adminpass123",      "password\_confirmation": "adminpass123",      "role": "admin"  } |
| Response Body |  |

## userLogin (POST)

|  |  |
| --- | --- |
| Endpoint | <http://127.0.0.1:8000/api/register> |
| Bearer Token | - |
| Request Body | //Contoh Role Customer  {      "email": "customer@example.com",      "password": "password123"  }  //Contoh Role Admin  {      "email": "admin@example.com",      "password": "adminpass123"  } |
| Response Body |  |

## userLogout (POST)

|  |  |
| --- | --- |
| Endpoint | <http://127.0.0.1:8000/api/logout> |
| Bearer Token | Ambil dari token user yang sedang login |
| Request Body | - |
| Response Body | Jika token benar    Validasi jika token salah    Validasi jika bearer token tidak diisi |