

# Project: Ecommerce Test Backend

Este backend fue desarrollado en Laravel.

Desarrollado para un test de selección, se encarga de crear una APIrest usando una base de datos ya existente de productos y categorías.

Link repositorio del frontend: <https://github.com/Lea23VC/ecommerceFrontendTest>

## Rutas

El APIrest se utilizá a través GET requests en las siguientes rutas, las cuales devuelve su respuesta en formato JSON.

Ruta	Detalle
/products	Obtiene los productos de la base datos
/products/1	Obtiene los datos del producto con ID especificado (ej: 1)
/categories	Obtiene todas las categorías del a BBDD
/categories/1	Obtiene los datos de la categoría con ID especificado (ej: 1)

## Paginación

La paginación del API, se utilizá través de los parametros: **page** y **items\_per\_page**.

- items\_per\_page: Cantidad de items por pagina
- page: pagina actual de la paginación

## End-point: Lista de productos

Metodo: GET

```
/products
```

### Parametros de consulta

Parametros	Detalle
name	(string) Nombre de producto
products_by_name_order	(string) Orden según nombre ("asc" o "desc")
products_by_price_order	(string) Orden según precio ("asc" o "desc")
products_by_discount_order	(string) Orden según descuento ("asc" o "desc")
category	(int) ID de la categoría

Parametros	Detalle
min_price	(int) precio minimo
max_price	(int) precio maximo
min_discount	(int) descuento minimo
max_discount	(int) descuento maximo
items_per_page	(int) Cantidad de elementos por pagina
page	(int) Pagina actual

Resultado de consulta (JSON)

```
{
  "data": [
    {
      "id": 5,
      "name": "ENERGETICA MR BIG",
      "url_image": "https://dojiw2m9tvv09.cloudfront.net/11132/product/misterbig3308256.jpg",
      "price": 1490,
      "discount": 20
    },
    {
      "id": 6,
      "name": "ENERGETICA RED BULL",
      "url_image": "https://dojiw2m9tvv09.cloudfront.net/11132/product/redbull18381.jpg",
      "price": 1490,
      "discount": 0
    },
    {
      "id": 7,
      "name": "ENERGETICA SCORE",
      "url_image": "https://dojiw2m9tvv09.cloudfront.net/11132/product/logo7698.png",
      "price": 1290,
      "discount": 0
    },
    {
      "id": 8,
      "name": "PISCO ALTO DEL CARMEN 35º",
      "url_image": "https://dojiw2m9tvv09.cloudfront.net/11132/product/alto8532.jpg",
      "price": 7990,
      "discount": 10
    },
    {
      "id": 9,
      "name": "PISCO ALTO DEL CARMEN 40º ",
      "url_image": "https://dojiw2m9tvv09.cloudfront.net/11132/product/alto408581.jpg",
      "price": 5990,
      "discount": 0
    }
  ]
}
```

```
},
{
  "id": 10,
  "name": "PISCO ARTESANOS 35º ",
  "url_image": "https://dojiw2m9tvv09.cloudfront.net/11132/product/artesanos8818.jpg",
  "price": 3990,
  "discount": 0
},
{
  "id": 11,
  "name": "PISCO BAUZA 40º ",
  "url_image": "https://dojiw2m9tvv09.cloudfront.net/11132/product/bauza408831.jpg",
  "price": 4990,
  "discount": 0
},
{
  "id": 12,
  "name": "PISCO CAMPANARIO 35º",
  "url_image": "https://dojiw2m9tvv09.cloudfront.net/11132/product/campanario8845.jpg",
  "price": 2990,
  "discount": 20
},
{
  "id": 13,
  "name": "PISCO CAMPANARIO 40º",
  "url_image": "https://dojiw2m9tvv09.cloudfront.net/11132/product/campanario408881.jpg",
  "price": 3990,
  "discount": 20
},
{
  "id": 14,
  "name": "PISCO ESPIRITU DEL ELQUI 40º",
  "url_image": "https://dojiw2m9tvv09.cloudfront.net/11132/product/espiritu8936.jpg",
  "price": 5990,
  "discount": 20
},
{
  "id": 15,
  "name": "PISCO ESPIRITU DEL ELQUI 45º",
  "url_image": "https://dojiw2m9tvv09.cloudfront.net/11132/product/espiritu8957.jpg",
  "price": 6990,
  "discount": 5
},
{
  "id": 16,
  "name": "PISCO HORCON QUEMADO 35º",
  "url_image": "https://dojiw2m9tvv09.cloudfront.net/11132/product/horcon359049.jpg",
  "price": 6990,
  "discount": 20
},
{
```

```
    "id": 17,
    "name": "PISCO HORCON QUEMADO 40°",
    "url_image": "https://dojiw2m9tvv09.cloudfront.net/11132/product/horcon409062.jpg",
    "price": 7990,
    "discount": 20
  },
  {
    "id": 18,
    "name": "PISCO HORCON QUEMADO 46°",
    "url_image": "https://dojiw2m9tvv09.cloudfront.net/11132/product/horcon469075.jpg",
    "price": 8990,
    "discount": 20
  },
  {
    "id": 19,
    "name": "PISCO MISTRAL 35°",
    "url_image": "https://dojiw2m9tvv09.cloudfront.net/11132/product/mistral359200.jpg",
    "price": 4990,
    "discount": 20
  }
],
"links": {
  "first": "http://ecommerce-backend-test.vercel.app/products?page=1",
  "last": "http://ecommerce-backend-test.vercel.app/products?page=4",
  "prev": null,
  "next": "http://ecommerce-backend-test.vercel.app/products?page=2"
},
"meta": {
  "current_page": 1,
  "from": 1,
  "last_page": 4,
  "links": [
    {
      "url": null,
      "label": "&laquo; Previous",
      "active": false
    },
    {
      "url": "http://ecommerce-backend-test.vercel.app/products?page=1",
      "label": "1",
      "active": true
    },
    {
      "url": "http://ecommerce-backend-test.vercel.app/products?page=2",
      "label": "2",
      "active": false
    },
    {
      "url": "http://ecommerce-backend-test.vercel.app/products?page=3",
      "label": "3",
      "active": false
    }
  ]
}
```

```

    },
    {
      "url": "http://ecommerce-backend-test.vercel.app/products?page=4",
      "label": "4",
      "active": false
    },
    {
      "url": "http://ecommerce-backend-test.vercel.app/products?page=2",
      "label": "Next &raquo;",
      "active": false
    }
  ],
  "path": "http://ecommerce-backend-test.vercel.app/products",
  "per_page": 15,
  "to": 15,
  "total": 57
}
}

```

## Ejemplos

```

/products?items_per_page=15
/products?name=energetica
/products?name=energetica&items_per_page=5&category=2&products_by_price_order=asc

```

## End-point: Producto específico

### Metodo: GET

```
/products/:id
```

### Resultado de consulta (JSON)

```

{
  "success":true,
  "data":{
    "id":5,
    "name":"ENERGETICA MR BIG",
    "url_image":"https://dojiw2m9tvv09.cloudfront.net/11132/product/misterbig3308256.jpg",
    "price":1490,
    "discount":20
  },
  "message":"Product retrieved successfully"
}

```

Ejemplos

/products/5

/products/7

End-point: Categorías

Metodo: GET

/categories

Parametros de consulta

Parametros	Detalle
category	(int) ID de la categoría

Resultado de consulta (JSON)

```
{
  "data":[
    {
      "id":1,
      "name":"bebida energetica"
    },
    {
      "id":2,
      "name":"pisco"
    },
    {
      "id":3,
      "name":"ron"
    },
    {
      "id":4,
      "name":"bebida"
    },
    {
      "id":5,
      "name":"snack"
    },
    {
      "id":6,
      "name":"cerveza"
    },
    {
      "id":7,
      "name":"vodka"
    }
  ]
}
```