

PLUS + RESTAURANT

API PARA STOCK DE PRODUCTOS

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INGENIERÍA EN DESARROLLO DE TECNOLOGÍA Y SOFTWARE

PROGRAMACIÓN WEB II

API- LARAVEL
IMPLEMENTADA
EN REACT

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API PARA STOCK DE PRODUCTOS

SEARCH PRODUCTS

GET /API/PRODUCT

SEARCH FOR DIFFERENTS PRODUCTS IN STOCK

QUERY STRING

API_KEY

STRING

USER'S API
KEY

REQUIRED

RESPONSES APPLICATION/JSON

200

OBJECT

MESSAGE
PRODUCTS
SUCCESS

STRING
STRING
STRING

DESCRIPTION OF THE REQUEST RESULT.
LIST OF ALL PRODUCTS IN STOCK.
RETURNS IF THE REQUEST HAS BEEN
PROCESSED SUCCESSFULLY.

422

MESSAGE
SUCCESS

STRING
STRING

OPTIONAL
OPTIONAL

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API PARA STOCK DE PRODUCTOS

SEARCH PRODUCTS

GET /API/PRODUCT

SEARCH FOR DIFFERENTS PRODUCTS IN STOCK

JSON EXAMPLE

```
{  
    "message": "Products found",  
    "products": [  
        {  
            "id": 4,  
            "name": "Vino Tinto",  
            "price": 350,  
            "created_at": "2021-03-18T21:12:56.000000Z",  
            "updated_at": "2021-04-21T21:29:28.000000Z",  
            "stock": 13  
        },  
        {  
            "id": 6,  
            "name": "Queso Provolone 1kg",  
            "price": 145,  
            "created_at": "2021-03-18T21:15:15.000000Z",  
            "updated_at": "2021-04-21T21:32:54.000000Z",  
            "stock": 23  
        },  
        {  
            "id": 7,  
            "name": "Leche UHT 1L",  
            "price": 100,  
            "created_at": "2021-03-18T21:15:15.000000Z",  
            "updated_at": "2021-04-21T21:32:54.000000Z",  
            "stock": 10  
        }  
    ]  
}
```

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API PARA STOCK DE PRODUCTOS

SEARCH PRODUCTS

GET /API/PRODUCT

SEARCH FOR DIFFERENTS PRODUCTS IN STOCK

JSON EXAMPLE

```
{
    "id": 9,
    "name": "Queso Cheddar 1kg",
    "price": 119,
    "created_at": "2021-04-21T21:22:54.000000Z",
    "updated_at": "2021-04-21T21:32:21.000000Z",
    "stock": 30
}
],
"success": true
}
```

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API PARA STOCK DE PRODUCTOS

SEARCH PRODUCTS

GET /API/PRODUCT

SEARCH FOR DIFFERENTS PRODUCTS IN STOCK

JSON EXAMPLE

The screenshot shows a Windows desktop environment with a web browser open to the 'Stock' page of the Plus+ Restaurant API. The browser window has three tabs: 'Plus+ Restaurant', 'All your designs - Canva', and 'API-LARAVEL_HANNALIZARRAGA'. The main content area is titled 'Stock' and contains a table of product stock. The table has columns for '#', 'Name', 'Price', 'Stock', and 'Actions'. The actions column includes 'Editar Producto' and 'Delete' buttons. The products listed are:

#	Name	Price	Stock	Actions
4	vino tinto	320	15	Editar Producto <input type="button"/> Delete
7	Aceite de Oliva	100	56	Editar Producto <input type="button"/> Delete
8	Mantequilla	13	145	Editar Producto <input type="button"/> Delete
9	Queso Cheddar 1kg	119	30	Editar Producto <input type="button"/> Delete

At the top right of the table is a button labeled 'Agregar Producto +'. The browser's address bar shows 'localhost:8080/stock'. The taskbar at the bottom of the screen shows various application icons.

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API PARA STOCK DE PRODUCTOS

SEARCH PRODUCTS

POST /API/PRODUCT

ADD A NEW PRODUCTS IN STOCK

PATH PARAMETERS

NAME

STRING

PRICE

FLOAT

HEADERS

CONTENT-TYPE

STRING

APPLICATION/JSON;CHARSE

REQUIERED

T=UTF-8

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API PARA STOCK DE PRODUCTOS

RESPONSES APPLICATION/JSON

200
OBJECT

MESSAGE	STRING	OPTIONAL
ID	STRING	OPTIONAL
SUCCESS	STRING	OPTIONAL

422

MESSAGE	STRING	OPTIONAL
SUCCESS	STRING	OPTIONAL

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API PARA STOCK DE PRODUCTOS

SEARCH PRODUCTS

POST /API/PRODUCT

ADD A NEW PRODUCTS IN STOCK

JSON EXAMPLE

```
1  {
2      "message": "Product added succesfully",
3      "success": true
4 }
```

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API PARA STOCK DE PRODUCTOS

SEARCH PRODUCTS

POST /API/PRODUCT

ADD A NEW PRODUCTS IN STOCK

JSON EXAMPLE

Nombre del Producto
Pastel Tiramisu 1Kg

Precio Unidades
350 12

Agregar Producto Regresar

localhost:8080 dice
Producto Agregado

Aceptar

Agregar Producto

Nombre del Producto
Pastel Tiramisu 1Kg

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API PARA STOCK DE PRODUCTOS

SEARCH PRODUCTS

PUT /API/PRODUCT{ID}

UPDATE A PRODUCT IN STOCK

HEADERS

		DEFAULT:	
CONTENT-TYPE	STRING	APPLICATION/JSON;CHARSET T=UTF-8	REQUIRED

REQUEST BODY

ITEMS	ARRAY[OBJECT]
NAME	STRING
PRICE	FLOAT

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API PARA STOCK DE PRODUCTOS

RESPONSES APPLICATION/JSON

200
OBJECT

MESSAGE	STRING	OPTIONAL
SUCCESS	STRING	OPTIONAL

422

MESSAGE	STRING	OPTIONAL
SUCCESS	STRING	OPTIONAL

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API PARA STOCK DE PRODUCTOS

SEARCH PRODUCTS

PUT /API/PRODUCT{ID}

UPDATE A PRODUCT IN STOCK

JSON EXAMPLE

```
1  {
2      "message": "Product updated succesfully",
3      "success": true
4 }
```

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API PARA STOCK DE PRODUCTOS

SEARCH PRODUCTS

PUT /API/PRODUCT{ID}

UPDATE A PRODUCT IN STOCK

JSON EXAMPLE

Nombre del Producto
Aceite de Aguacate

Precio Unidades
100 56

Editar Producto Regresar

localhost:8080 dice
Producto editado

Aceptar

Nombre del Producto
Aceite de Aguacate

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API PARA STOCK DE PRODUCTOS

SEARCH PRODUCTS

DELETE/API/PRODUCT{ID}

REMOVE THE PRODUCTS

PATH PARAMETERS

ID

INTEGER

HEADERS

CONTENT-TYPE	STRING	APPLICATION/JSON;CHARSET T=UTF-8	REQUIRED
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API PARA STOCK DE PRODUCTOS

RESPONSES APPLICATION/JSON

200
OBJECT

MESSAGE	STRING	OPTIONAL
SUCCESS	STRING	OPTIONAL

422

MESSAGE	STRING	OPTIONAL
SUCCESS	STRING	OPTIONAL

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API PARA STOCK DE PRODUCTOS

SEARCH PRODUCTS

DELETE/API/PRODUCT{ID}

REMOVE THE PRODUCTS

JSON EXAMPLE

```
{  
  "message": "Product deleted successfully",  
  "success": true  
}
```

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API PARA STOCK DE PRODUCTOS

SEARCH PRODUCTS

DELETE/API/PRODUCT{ID}

REMOVE THE PRODUCTS

JSON EXAMPLE

The screenshots show a 'Stock' management interface. At the top right is a button labeled 'Agregar Producto' with a plus sign. Below it is a table with columns: #, Name, Price, Stock, and Actions. The table contains the following data:

#	Name	Price	Stock	Actions
4	vino tinto	320	15	<button>Editar Producto</button> <button>Delete</button>
7	Aceite de Aguacate	100	56	<button>Editar Producto</button> <button>Delete</button>
8	Mantequilla	13	145	<button>Editar Producto</button> <button>Delete</button>
9	Queso Cheddar 1kg	119	30	<button>Editar Producto</button> <button>Delete</button>
12	Pastel Tiramisu 1Kg	350	12	<button>Editar Producto</button> <button>Delete</button>
13	Vinagre Balsamico	40	23	<button>Editar Producto</button> <button>Delete</button>

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API PARA STOCK DE PRODUCTOS

API STATUS CODES

200

CODE	HTTP STATUS	MESSAGE
1	200	SUCCESS

422

CODE	HTTP STATUS	MESSAGE
2	422	UNPROCESSABLE ENTITY