Proyecto ERP ITAcademy

API

In progress

Any JSON response will always contain:

{ “success” : “true”,

“message” : “” }

Overview: We have two entities in ProyectoERP.

User: Entity that manages the credentials of the system users

# USER

Has:

Id: unique and automatic identifier.

Username with length between 3 and 12 characters

password with length between 8 and 12 characters

user\_type: type number. Only accepts values between 1 and 3.

1- ADMIN

2- EMPLOYEE

3- CLIENT

CLIENT: Only access to order. No more operations.

ADMIN: Can perform any operation on the platform and on the accounts of the rest of the users.

EMPLOYEE: Can perform any operation on the platform but nothing on the users..

**API REST USER**

**CREATE USER**

|  |  |
| --- | --- |
| **POST** | /api/user |

**Create** a user. (Sign up)

JSON CALL:

{

"username" : "mysuername",

"password" : "xxxxxxxxxx",

"user\_type" : “1”

}

JSON RESPONSE:

{

"success": true,

"message": "mysuername created!"

}

**LOGIN USER**

|  |  |
| --- | --- |
| **POST** | api/login |

Login to system. Sign in.

**FUTURE IMPLEMENTATION**: in the HEADERS have PARAM: Authorization with the token if login is correct.

JSON CALL:

{

“email”:” myusername”,

“password”:”xxxxxx”

}

JSON RESPONSE:

{

"success": true,

"message": "Welcome $username !"

}

**READ ALL USERS**

|  |  |
| --- | --- |
| **GET** | /api/user |

Return all users. Only admin user can do this call.

JSON CALL EMPTY.

JSON RESPONSE:

[

{

"id": "1",

"user\_type": "ADMIN",

“username”: “myusername”,

},

{

"id": "2",

"user\_type": "CLIENT",

“username”: “myusernameclient”,

},

…]

**READ EMPLOYEE USERS**

|  |  |
| --- | --- |
| **GET** | /api/user/employee |

Return users with user\_type=EMPLOYEE. Only admin user can do this call.

JSON CALL EMPTY.

JSON RESPONSE:

[

{

"id": "5",

"user\_type": "EMPLOYEE",

“username”: “myusername”,

},

{

"id": "22",

"user\_type": "EMPLOYEE",

“username”: “myusernameother”,

},

…]

**READ CLIENT USERS**

|  |  |
| --- | --- |
| **GET** | /api/user/client |

Return users with user\_type=CLIENT. Only admin user can do this call.

JSON CALL EMPTY.

JSON RESPONSE:

[

{

"id": "7",

"user\_type": "CLIENT",

“username”: “myusername”,

},

{

"id": "122",

"user\_type": "CLIENT",

“username”: “myusernameother”,

},

…]

**DELETE USER BY ID**

|  |  |
| --- | --- |
| **DELETE** | /api/user/{id} |

JSON CALL EMPTY.

HEADER with valid token. Only ADMIN users can do it.

JSON RESPONSE:

{

"success": true,

"message": "mysuername deleted!"

}

**MODIFY USER TYPE**

|  |  |
| --- | --- |
| **PUT** | /api/user/user\_type/{id} |

**Only if HEADER have a token for a ADMIN user.**

JSON CALL.

{

“id” : “18”,

“email”:”nombreusuario”,

“type” : “ADMIN”

}

JSON RESPONSE:

{

“id” : “18”,

“type” : “ADMIN”

}

# **PRODUCTS**

Products will have a unique id, unique name, a url of the product image, family, a price, VAT, a wholesale price and the quantity that is needed for the price.

Access:

* Only ADMIN can post, update, or delete a product (Post/Put/Delete).
* CLIENT y EMPLOYEE can only read product data (Get).

**API REST PRODUCTS**

## **POST PRODUCT**

|  |  |
| --- | --- |
| **POST** | /api/products |

***--> only accessible with admin rights***

JSON CALL:

{

“name”: ”Example name”,

“stock”: 100,

“image”: ”url example”,

“family”: ”EXAMPLE FAMILY NAME”,

“price”: 3.00,

“vat”: 21.00,

“wholesale\_price”: 2.50,

“wholesale\_quantity”: 500

}

JSON RESPONSE:

{

“success”: true,

“message”: "Product Created!",

“product”: {

“id”: 1,

“name”: ”Example name”,

“stock”: 100,

“image”:” URL example”,

“family”: ”EXAMPLE FAMILY NAME”,

“price”: 3.00,

“vat”: 21.00,

“wholesale\_price”: 2.50,

“wholesale\_quantity”: 500

}

}

## **GET PRODUCT BY ID**

|  |  |
| --- | --- |
| **GET** | /api/products/{id} |

Return product data according to id.

JSON CALL EMPTY

JSON RESPONSE:

{

“id”: 1,

“name”: ”Example name”,

“stock”: 100,

“image”:” URL example”,

“family”: ”EXAMPLE FAMILY NAME”,

“price”: 3.00,

“vat”: 21.00,

“wholesale\_price”: 2.50,

“wholesale\_quantity”: 500

}

## **GET ALL PRODUCTS**

|  |  |
| --- | --- |
| **GET** | /api/products |

Return all the products

JSON CALL EMPTY

JSON RESPONSE:

[

{

“id”: 1,

“name”: ”Example name”,

“stock”: 100,

“image”:” URL example”,

“family”: ”EXAMPLE FAMILY NAME”,

“price”: 3.00,

“vat”: 21.00,

“wholesale\_price”: 2.50,

“wholesale\_quantity”: 500

},

{

“id”: 2,

“name”: ”Example name2”,

“stock”: 100,

“image”: ”url eample2”,

“family”: ”EXAMPLE FAMILY NAME”,

“price”: 3.00,

“vat”: 21.00,

“wholesale\_price”: 2.50,

“wholesale\_quantity”: 500

}

]

## **UPDATE PRODUCT BY ID**

|  |  |
| --- | --- |
| **PUT** | /api/products/{id} |

Update product data according to id.

***--> only accessible with admin rights***

***\* The id must be in the json call (body) always.***

JSON CALL:

{

“id”: 1

“name”: ”Example name”,

“stock”: 100,

“image”:” URL example”,

“family”: ”EXAMPLE FAMILY NAME”,

“price”: 3.00,

“vat”: 21.00,

“wholesale\_price”: 2.50,

“wholesale\_quantity”: 500

}

JSON RESPONSE:

{

“success”: true,

“message”: "Attributes modified",

“product”: {

“id”: 1,

“name”: ”Example name”,

“stock”: 100,

“image”:” URL example”,

“family”: ”EXAMPLE FAMILY NAME”,

“price”: 3.00,

“vat”: 21.00,

“wholesale\_price”: 2.50,

“wholesale\_quantity”: 500

}

}

## **DELETE PRODUCT BY ID**

|  |  |
| --- | --- |
| **DELETE** | /api/products/{id} |

Delete product according to id.

***--> only accessible with admin rights***

JSON CALL:

{

“id”: 1

}

JSON RESPONSE:

{

"success": true,

"message": " Example name deleted!"

}