API DOCUMENTATION

# Supplier

Root route /supplier

## Get /supplier/

Server response list of supplier, like this example :

[

    {

        "id": 1,

        "name": "Thế giới di động",

        "address": "khu phố 1, P. Tân Tạo, Q. Bình Tân, TP. HCM",

        "phone": "18001061"

    },

    {

        "id": 2,

        "name": "FPT Shop",

        "address": "261 - 263 Khánh Hội, P2, Q4, TP. Hồ Chí Minh",

        "phone": "1800 6601"

    },

    {

        "id": 3,

        "name": "Tin học ngôi sao",

        "address": "474 Điện Biên Phủ, P. 17, Q. Bình Thạnh, TP.HCM",

        "phone": "08 99000001"

    },

    {

        "id": 4,

        "name": "GearVN",

        "address": "78-80-82 Hoàng Hoa Thám, Phường 12, Quận Tân Bình",

        "phone": "1800 6975"

    },

    {

        "id": 6,

        "name": "cellphoneS - pixelphone branch",

        "address": "350-352 Võ Văn Kiệt, Phường Cô Giang, Quận 1",

        "phone": "065139999998"

    }

]

Note that the result is a JSON array even if only there’s one supplier

## POST /supplier/

Add a supplier

Request body will be like this :

{

    "supplier":3,

    "import\_date":"2012-06-14"

}

Note that all Date datatype should be convert to a string with format “YYYY-mm-dd”

Response body is a message indicating the result.

## PATCH /supplier/

Update supplier based on Id

Request body will be like this :

{

    "id": 6,

    "name": "cellphoneS - pixelphone branch",

    "address": "350-352 Võ Văn Kiệt, Phường Cô Giang, Quận 1",

    "phone": "18002097"

}

Response body is a message indicating the result.

## DELETE /supplier/

Delete supplier based on id

Request body will be like this :

{

    "id": 6

}

Response body is a message indication the result.

# Contracts

Root route : /contract

## GET /contract

Server response list of contract :

[

    {

        "id": 1,

        "supplier": 1,

        "price": 0,

        "import\_date": "2014-10-14T00:00:00.000Z"

    },

    {

        "id": 2,

        "supplier": 4,

        "price": 0,

        "import\_date": "2021-12-16T00:00:00.000Z"

    },

    {

        "id": 3,

        "supplier": 3,

        "price": 0,

        "import\_date": "2012-06-14T00:00:00.000Z"

    }

]

## POST /contract

Add a contract

Request body is like this :

{

    "supplier": 3,

    "import\_date":"2020-12-24"

}

Server insert new contract to database , then response a message indicating result.

## PATCH /contract

Update a contract based on id,

Request body is like this :

{

    "id":5,

    "supplier": 1,

    "import\_date":"2015-12-24"

}

Server update the contract based on id, then response a message indicating the result.

## DELETE /contract

Delete a contract based on id

Request body is like this :

{

    "id":5

}

Server delete contract based on id, then response a message indicating the result.

# Login

Root route /login

## GET /login/<username>/<password>

Replace <username> and <password> with proper username and password used to login

Response :

If login success, server will response a JSON :

{

    "message": "success"

}

If password is wrong, server will response a JSON :

{

    "message": "wrong password"

}

IF username didn’t exist, server will response a JSON :

{

    "message": "authentication failed"

}

If server cannot connect to database, server will response a JSON :

{

    "message": "connection error"

}

## POST login/create

This is post method, input data must be a json with this schema :

{

    "username":"<username>",

    "password":"<password>"

}

Replace <username> and <password> with proper username and password used to create.

If account created successfully, the server responses a JSON :

{

    "message": "Account created"

}

If username exists, the server responses a JSON :

{

    "message": "Username exists"

}

If cannot connect to the database, the server response a JSON

{

    "message": "Connection error"

}