**VerivoxTariffComparisor Web API**

# Summary

# Installation

1. Download the files from GitHub “” into any folder both in linux or windows.
2. Navigate to the folder explorer
3. Open cmd window as administrator and run command

*docker build -t tariffcomparisor . && docker run -p 8080:8080 tariffcomparisor*

*Note : Make sure your docker desktop is installed*

*A screenshot of a computer program

Description automatically generated*

Now the TariffComparisor services is already running.Open docker dsktop and make sure image and container is running

A screenshot of a computer

Description automatically generated

Open the browser window and execute URL

# Running the Services

## SWAGGER

<http://localhost:8080/swagger/index.html>

A screenshot of a computer

Description automatically generated

## Browser

**http://localhost:8080/CompareProductAProductBTariffs?consumption=3500**

## Postman

# Other services:

## VerivoxTariffCompariosr

Tariff comparisor has 3 Web API which yield calculation

1 . Return Calculation result between Product A and Product B

2. Return Calculation result for all the Tariff product selected by their name by user

3 Return Calculation result for all the Tariff products in database

## Verivox Tariff Provider:

Tariff Provider is REST API service with CRUD operation to read erite and update tariff provider products. By default , 2 products Product A and Product B already exists in the service

Post Man example to input new product

{

"name": "Product C",

"type": 3

"productType": {

"id": 3,

"typeName": "Special Tariff"

},

"unitKwhCostInEuro": 0.25,

"baseCostPerMonth": 0,

"baseCostPerYear": 700,

"addtionalkwhCost": 0,

"includedKwhCost":3000

}

## VerivoxTariffComparisor.Test