DB

HB_product

col	desc / sample	memo
id	product id (ref to HonestBee ID)	LINK
name	product name	
price	現在的定價	
last_price	上一次的定價	
recommend_status	0: 不需要調整; 1: 建議降低(因為競爭對手比較便宜)	
stock	庫存量	
competitor	{ "source": "http://test1.com", "price": 94 }, { "source": "http://test2.com", "price": 87 }, ……..	competitor 競爭對手
createtime	create item timestamp	
updatetime	update item timestamp	

HB_product_subscribe

col	desc	memo
id	product id	
subscriber	user email	EX: test@gmail.com
status	subscribe status: 0: 取消訂閱; 1: 訂閱追蹤該商品	
phone	phone number	

HB_product_poi

col	desc	memo
poi_id		
poi	point of interest	
address		
city		
latitude		
longitude		

HB_user_browse_data

col	desc	memo
source	source URL	
id	product id	
name	product name	
ip		
time		
price		

API

[Product]

GET /product/list

list all products

request

response
<pre>{
"Items": [
{
"competitor": [
{
"price": "200",
"source": "http://test1.com"
},
{
"price": "300",
"source": "http://test2.com"
}
],
"imageUrl": "https://assets.honestbee.com/products/images/480/yonglin-organic-farm_20006323-a60-a124_20006323-a60-a124-1.jpg",
"createtime": "1526665678",
"last_price": "260",
"updatetime": "1526665678",
"recommend_status": "0",
"stock": "100",
"price": "260",
"id": "4385792",
"name": "細米粉"
},
{
"competitor": [
{
"price": "200",
"source": "http://test1.com"
},
{
"price": "300",
"source": "http://test2.com"</pre>

```
      },
      {
        "price": "123",
        "source": "http://test05.com"
      },
      {
        "price": "150",
        "source": "http://test3.com"
      }
    ],
    "imageUrl": "https://assets.honestbee.com/products/images/480/yonglin-organic-
farm_20006299-a60-a124_20006299-a60-a124-1.jpg",
    "createtime": "1526665678",
    "last_price": "490",
    "updatetime": "1526665678",
    "recommend_status": "0",
    "stock": "87",
    "id": "4385699",
    "price": "480",
    "name": "花生醬"
  }
],
"Count": 2,
"ScannedCount": 2
}
```

GET /product/{productid}/detail

get Prodcut info. (可以取得商品定價)

ref:

1) 讓消費者看到目前正在其他網站所瀏覽的商品，是否可

以在 Honestbee 上用更便宜的價格購買。

request
EX: /hb/product/1/detail
response

```json
{
  "Items": [
    {
      "competitor": [
        {
          "price": "200",
          "source": "http://test1.com"
        },
        {
          "price": "300",
          "source": "http://test2.com"
        },
        ….
      ],
      "createtime": "1526665678",
      "last_price": "250",
      "updatetime": "1526665678",
      "recommend_status": "0",
      "stock": "87",
      "price": "250",
      "id": "4385699",
      "name": "花生醬"
    }
  ],
  "Count": 1,
  "ScannedCount": 1
}
```

PUT /product/update/price

- 如果產品降價了，那就發 promotion 的促銷 email & 簡訊給追蹤該商品的 users
- 如果 user 取消訂閱 就不會發通知

request

```
{
 "id": "4385699",
 "price": "300"
}
```

response

```
{
  "Attributes": {
    "price": "300",
    "last_price": "495"
  }
}
```

POST /product/add/competitor

add new competitor

如果增加競爭者 發現價位比蜜蜂定價的還便宜 API 就會發信通知行銷人員

request

```
{
 "id": "4385699", // product id
 "source": "http://test3.com",
 "price": "150"
}
```

response

```
{
  "Attributes": {
    "competitor": [
      {
        "price": "200",
        "source": "http://test1.com"
      },
      {
        "price": "300",
        "source": "http://test2.com"
      },
      {
        "price": "123",
        "source": "http://test05.com"
      },
      {
        "price": "150",
        "source": "http://test3.com"
      }
    ]
  }
}
```

(TBD) POST
/enqueue?Action=SendMessage&MessageBody={productname}

enqueue SQS message

[Subscribe]

POST /product/subscribe

Set subscriber info

request

{
 "id": "123",
 "subscriber": "test@gmail.com", // email type
 "phone": "+886932591112", // phone number
 "status": "1" // 0: 取消訂閱; 1: 訂閱追蹤該商品
 }

response
// OK return null

GET /product/subscribe/{productid}

Get subscriber info

取得該商品的訂閱狀況 (包括 user 和 訂閱狀況)

request

response
<pre>{
"Items": [
{
"id": "4385699",
"subscriber": "niu0130@gmail.com",
"phone": "+886932591112",
"status": "0"
}
],
"Count": 1,
"ScannedCount": 1
}</pre>

[LBS]

GET /marketing/{productid}?latitude=94&longitude=87

取得最近的商家(poi)地點資訊

request

response

```json
{
  "Items": [
    {
      "city": "台北",
      "poi_id": "va_rst_3",
      "radius": "500",
      "longitude": "-67.386678",
      "message": "還是吃",
      "address": "770 Elden St, Herndon, VA 20170",
      "poi": "肯德基",
      "latitude": "28.969389",
      "state": "VA"
    }
  ],
  "Count": 1,
  "ScannedCount": 1
}
```

(TBD)算時間

[Raw Data]

POST /data/record

save user browse raw data

request

{
 "source": "http://test.com",
 "id": "4385792",
 "time": "1234512345", // browse time
 "price": "250",
 "ip": "127.0.0.1",
 "email": "niu0130@gmail.com"
}

response
// OK return null

GET /data/list

list all user browse raw data

request

response

```
{
  "Items": [
    {
      "ip": "127.0.0.1",
      "source": "http://test1.com",
      "time": "1526709814",
      "price": "250",
      "email": "niu0130@gmail.com",
      "id": "4385699"
    },
    {
      "ip": "127.0.0.1",
      "source": "http://wctest01.com",
      "time": "1526727535",
      "price": "280",
      "email": "niu0130@gmail.com",
      "id": "4385792"
    },
    {
      "ip": "127.0.0.1",
      "source": "http://wctest01.com",
      "time": "1526727478",
      "price": "280",
      "email": "niu0130@gmail.com",
      "id": "4385792"
    }
  ],
  "Count": 3,
  "ScannedCount": 3
}
```