

FoodMap

第十二組

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Outline

01 Specs.

02 Open Data Source

03 ERD

04 Schema

05 Demo

Specs.

1. 近年來自助旅遊興盛，無論國內外都可以見到台灣人的足跡。目前缺乏一個整合國內外餐廳的平台，希望可以直接藉由地區（國家、城市）過濾出該地餐廳，讓想去該地旅遊的人可以馬上查詢到旅遊路線附近的餐廳，以評估該餐廳是否符合自己的旅遊路線。
2. 能在使用者選取的地區內，顯示所有餐廳。
3. 使用者選出餐廳時，地圖會直接顯示該餐廳位置。
4. 使用者能透過註冊會員，快速收藏餐廳，讓會員在日後需要調閱時，快速存取已收藏的餐廳。
5. 會員已經不想收藏的餐廳，能夠將餐廳**移除**收藏。
6. 管理者可以**新增及修改**餐廳名稱、地址，且管理者同時具有會員身份。

Open Data Source

1. 馬來西亞-檳城餐廳

https://dataportal.asia/dataset/202881130_lokasi-restoran-kopitiam-di-pulau-pinang-tahun-2017

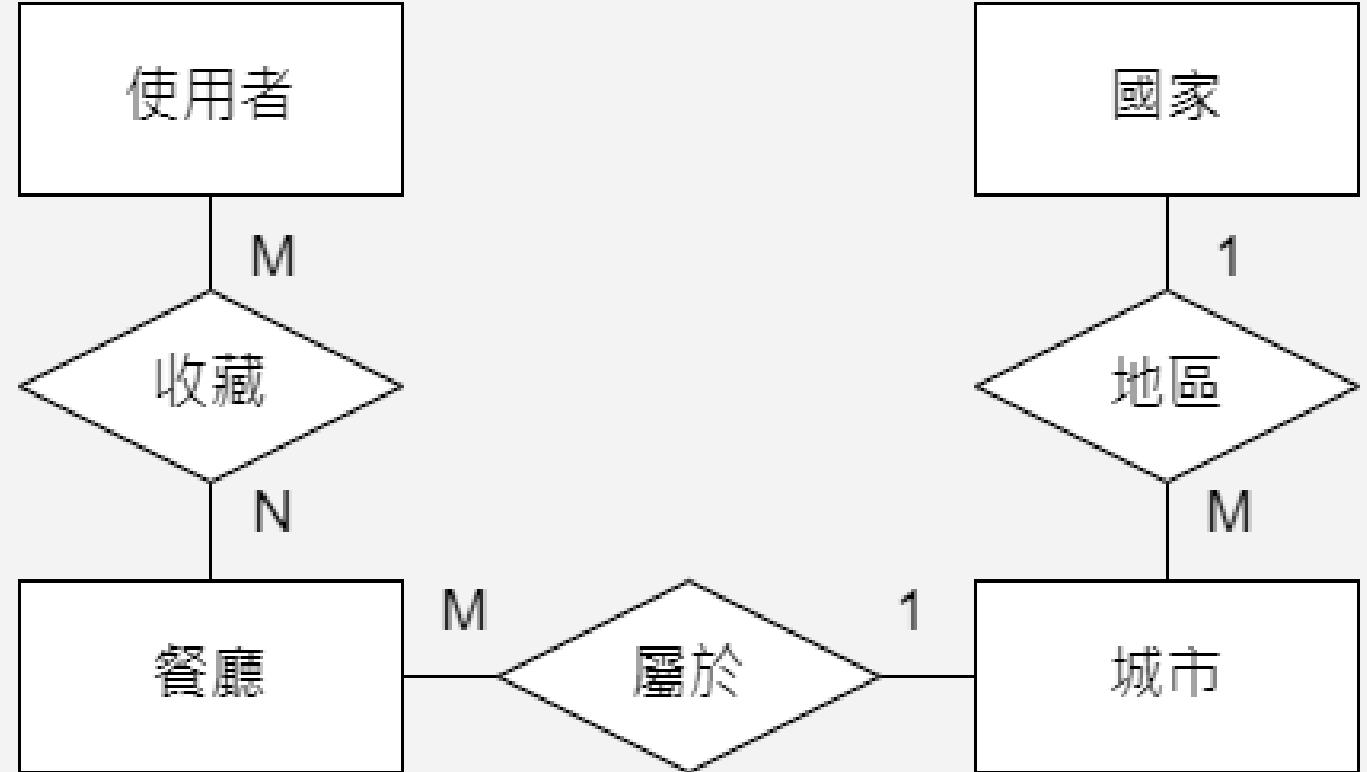
2. 馬來西亞-宜力餐廳

https://dataportal.asia/dataset/203020038_senarai-maklumat-nama-nama-restoran-dan-kedai-makan-di-daerah-gerik

3. 台灣餐廳

https://dataportal.asia/dataset/202861314_108355

ERD



Entity: 4

Relationship: 3

扣掉2個一對多

Schema

使用者	
PK	user_id
	username email_address is_superuser last_login date_joined password

餐廳	
PK	restaurant_id
FK	city_id restaurant_name restaurant_address

收藏	
PK	favorite_restaurant_id
FK	user_id restaurant_id time

城市	
PK	city_id
FK	country_id city_name last_modify_date created_date

國家	
PK	country_id
	country_name last_modify_date created_date

Demo

FoodMap

這是我們的首頁！

登入 註冊

選擇國家▼

選擇城市▼

搜尋

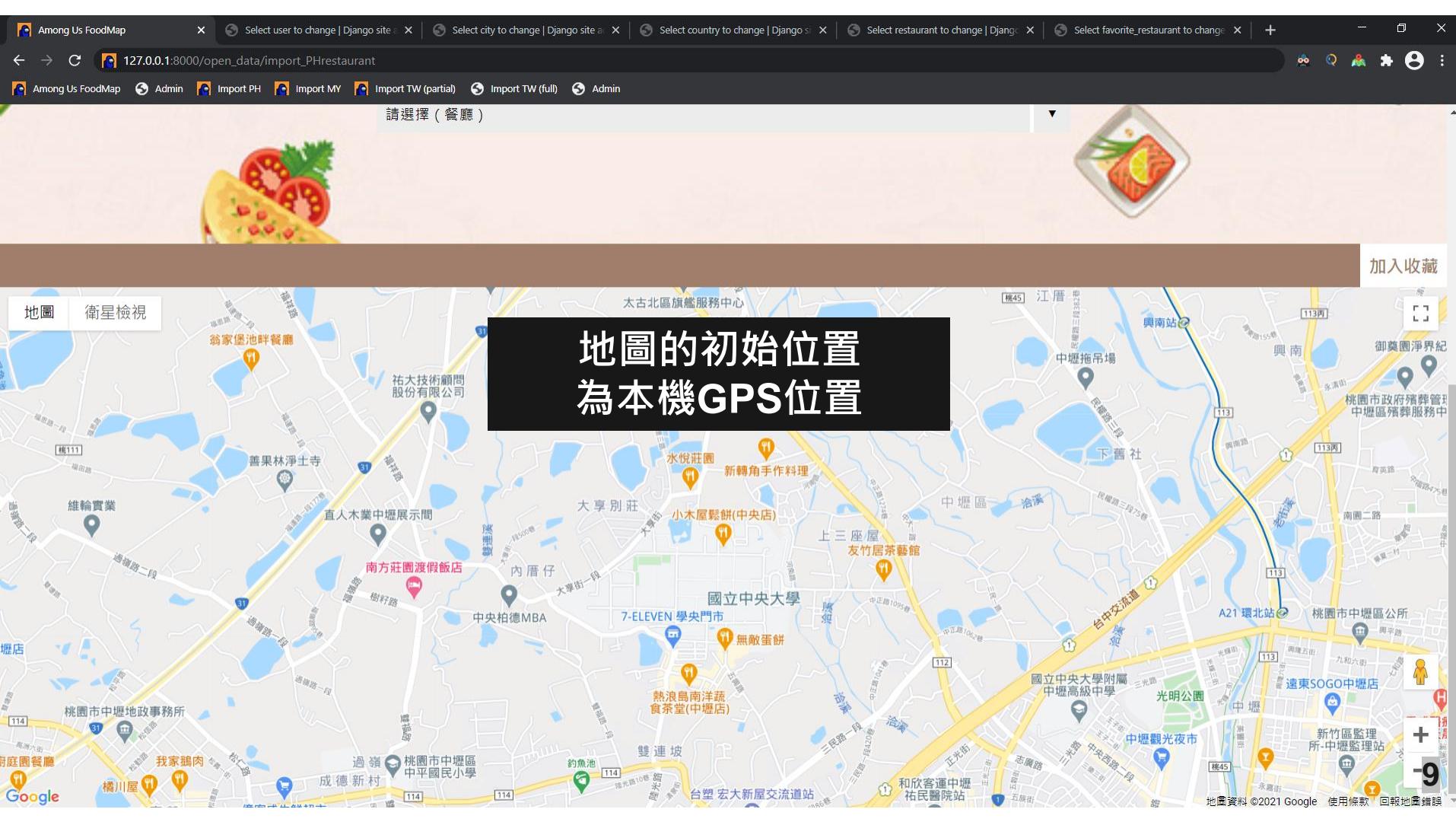
我的收藏

餐廳：

請選擇 (餐廳)



加入收藏



請選擇 (餐廳)

地圖

衛星檢視

地圖的初始位置
為本機GPS位置

加入收藏

回首頁

註冊畫面

Sign Up

Username: Required.
150 characters or fewer. Letters, digits and
@./-/_. only.

Email address:

Password:

- Your password can't be too similar to your other personal information.
- Your password must contain at least 8 characters.
- Your password can't be a commonly used password.
- Your password can't be entirely numeric.

Password confirmation:
 Enter the same password as before, for verification.

Sign up

回首頁

登入畫面

Please Login

Username: Password:

Login

FoodMap

Hi willyfang! 登出

登入後首頁

選擇國家▼

選擇城市▼

搜尋

我的收藏

餐廳：

請選擇 (餐廳)

加入收藏

FoodMap

Hi willyfang! 登出

選擇國家 台灣、菲律賓、馬來西亞

選擇國家▼

選擇國家

台灣

菲律賓

馬來西亞

選擇城市▼

搜尋

我的收藏

餐廳：

請選擇 (餐廳)

加入收藏

FoodMap

Hi willyfang! 登出

選擇國家的城市

菲律賓 ▾

選擇城市 ▾

搜尋

我的收藏

選擇城市

奎松市

馬尼拉市

加洛坎市

達沃市

宿霧市

三寶顏

安蒂波洛

帕西格

達義市

卡加延德奧羅

餐廳 :

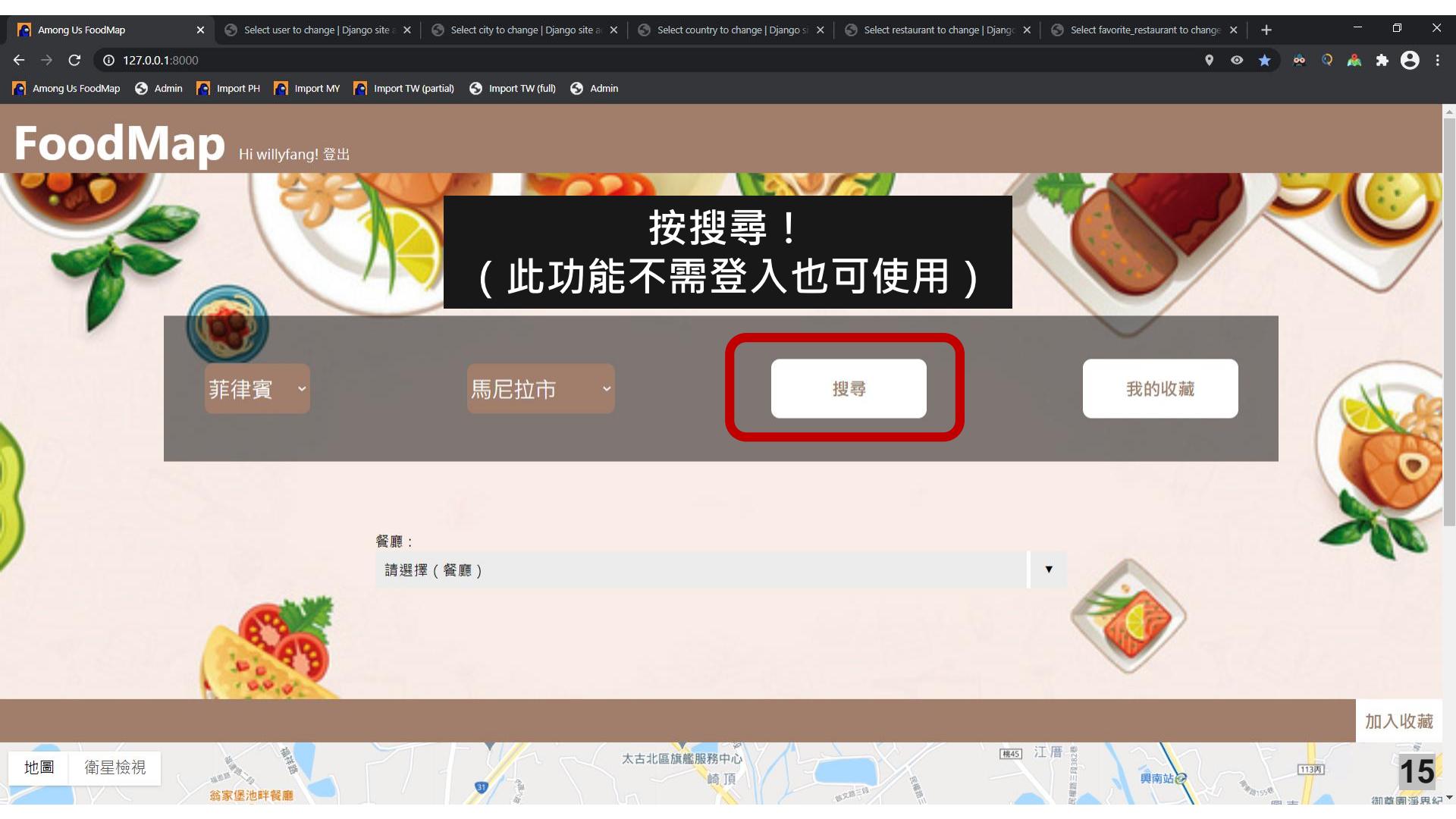
請選擇 (餐廳)

加入收藏

14

FoodMap

Hi willyfang! 登出



按搜尋！
(此功能不需登入也可使用)

菲律賓

馬尼拉市

搜尋

我的收藏

餐廳：

請選擇 (餐廳)

加入收藏

FoodMap

Hi willyfang! 登出

127.0.0.1:8000 顯示

請選擇國家及城市

確定

若沒選擇國家就按搜尋

則會出現【請選擇國家及城市】提示！

選擇國家▼

選擇城市▼

搜尋

我的收藏

餐廳：

請選擇 (餐廳)

加入收藏

FoodMap

Hi willyfang! 登出

127.0.0.1:8000 顯示

你沒選擇城市

確定

若沒選擇城市就按搜尋
則會出現【你沒選擇城市】之提示！

菲律賓 ▾

選擇城市 ▾

搜尋

我的收藏

餐廳：

請選擇 (餐廳)

加入收藏



卷之三

請選擇（餐廳）

地圖會自動導向那個國家城市

[加入收藏](#)

地圖 衛星檢視

衛星檢視



地圖 衛星檢視

餐廳 :

- Harbor View Restaurant
- MilkyWay Café
- Abe's Restaurant
- Manam Comfort Filipino
- Sarsa Kitchen + Bar
- The Singing Cook & Waiters
- Gerry's Grill
- La Cocina de Tita Moning
- People's Palace
- Kashmir
- Café Ysabel
- Gloria Maris
- Mendokoro Ramenba**
- Your Local
- Beso Cucina Vinoteca
- The Aristocrat Restaurant
- Shiok Shiok Singaporean Restaurant
- Dragon Noodle Center
- Ristorante delle Mitre
- Patio Victoria

下拉式選單，選擇餐廳

加入收藏

19

This image shows a screenshot of a food map application for Manila, Philippines. The map displays the city's layout with various barangays (BRGY) labeled. Overlaid on the map is a dropdown menu containing a list of restaurants. One restaurant, 'Mendokoro Ramenba', is highlighted with a blue background, indicating it has been selected. The menu also lists other restaurants like Harbor View Restaurant, MilkyWay Café, Abe's Restaurant, etc. The application interface includes tabs for '地圖' (Map) and '衛星檢視' (Satellite View). A large black banner with the text '下拉式選單，選擇餐廳' (Drop-down menu, select restaurant) is overlaid on the map area. In the bottom right corner, there is a small yellow icon of a person and the number '19'. The top navigation bar shows multiple tabs related to the Django site, including 'Among Us FoodMap', 'Admin', and various import options for PH, MV, TW (partial), and TW (full).

Among Us FoodMap Select user to change | Django site Select city to change | Django site Select country to change | Django Site Select restaurant to change | Django Site Select favorite_restaurant to change +

Among Us FoodMap Admin Import PH Import MV Import TW (partial) Import TW (full) Admin

127.0.0.1:8000

Mendokoro Ramenba

覺得這餐廳很可以想去的話
即可把它加入收藏！
(此功能需登入才可使用)

加入收藏

地圖 衛星檢視

地圖會自動導向那個餐廳位置
並且用icon圖案標示它！

Google 地圖資料 ©2021 Google 使用條款

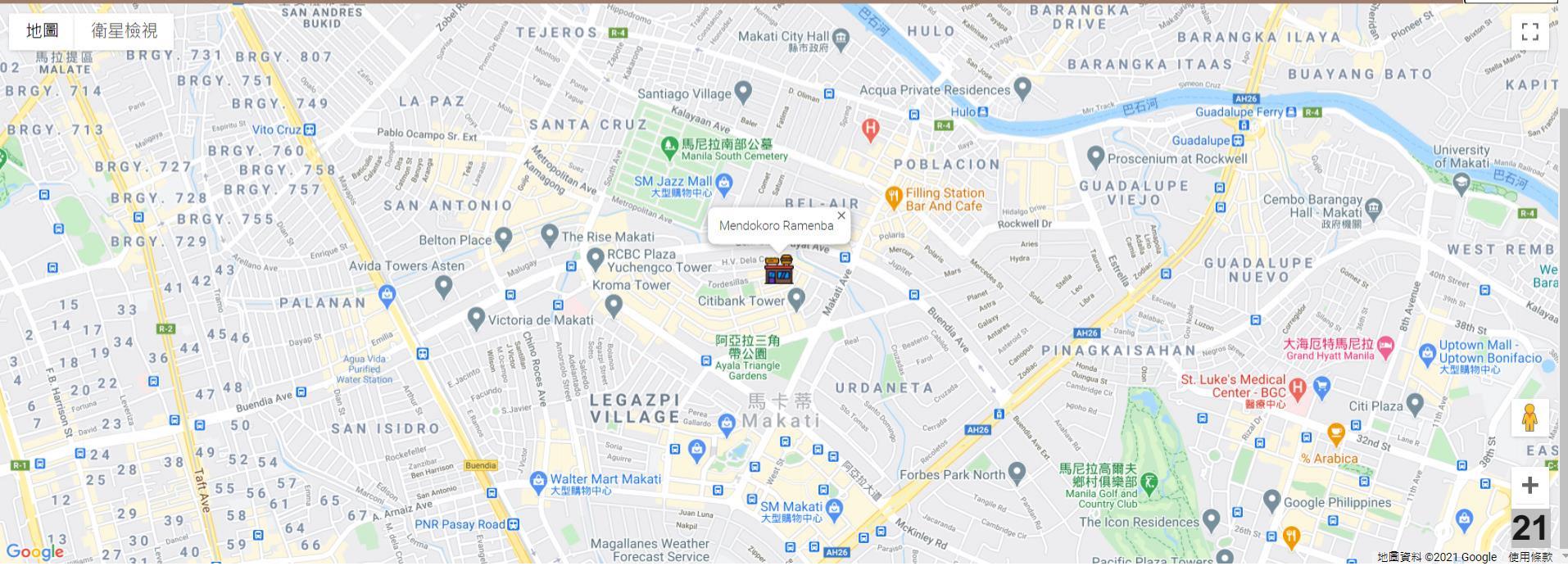
127.0.0.1:8000 顯示

已加

確立

輸出「已加入」提示！

[加入收藏](#)





若沒登入就按加入收藏
則會出現【請先登入】之提示！

[加入收藏](#)

地圖

衛星檢視



FoodMap

Hi willyfang! 登出

可查看收藏列表

選擇國家、

選擇城市

搜尋

我的收藏

餐廳：

Mendokoro Ramenba

[加入收藏](#)



我的收藏

名稱	地址
Berry Italian Restaurant 貝莉義式餐廳	114, Taipei City, Neihu District, Alley 44, Lane 22, Wende Road, 20號1樓
Cyclamen Garden Seafood Restaurant	112, Taipei City, Beitou District, Section 2, Donghua St, 114號112號
佳珍自助餐	雲林縣虎尾鎮西安里中正路三三二號一樓
Lok Garden Seafood 9	No. 9, Jalan Batu Lintang, 93200 Kuching, Sarawak, Malaysia
Mendokoro Ramenba	Salcedo Village Soliman, Makati, Metro Manila, 1227, Philippines



移除最愛

假如想把「佳珍自助餐」移除

我們剛加的餐廳再這

回首頁

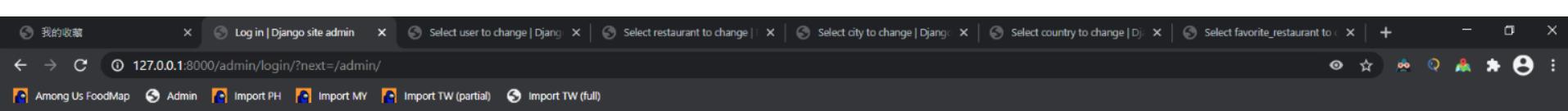
進入管理者系統



我的收藏

名稱	地址	刪除
Berry Italian Restaurant 貝莉義式餐廳	114, Taipei City, Neihu District, Alley 44, Lane 22, Wende Road, 20號1樓	
Cyclamen Garden Seafood Restaurant	112, Taipei City, Beitou District, Section 2, Donghua St, 114號112號	
Lok Garden Seafood 9	No. 9, Jalan Batu Lintang, 93200 Kuching, Sarawak, Malaysia	
Mendokoro Ramenba	Salcedo Village Soliman, Makati, Metro Manila, 1227, Philippines	

「佳珍自助餐」已被移除！



Django administration

Username:
willyfang

Password:

這是管理者系統的登入畫面！

我的收藏 Site administration | Django Site Select user to change | Django Select restaurant to change | Django Select city to change | Django Select country to change | Django Select favorite_restaurant to c +

127.0.0.1:8000/admin/ Among Us FoodMap Admin Import PH Import MV Import

這是管理者系統的首頁！

WELCOME, WILLYFANG. VIEW SITE / CHANGE PASSWORD / LOG OUT

Django administration

Site administration

AREAS

- Cities [+ Add](#) [Change](#)
- Countries [+ Add](#) [Change](#)

AUTHENTICATION AND AUTHORIZATION

- Groups [+ Add](#) [Change](#)

COLLECTION

- Favorite_restaurants [+ Add](#) [Change](#)

OPEN DATA

- Restaurants [+ Add](#) [Change](#)

USERS

- Users [+ Add](#) [Change](#)

Recent actions

My actions

- ✗ www User
- ✗ bojiaiqiu User
- ✗ adminuser User
- ✍ City object (34) City
- ✍ City object (34) City
- ✗ www User
- ✗ w70024 User
- ✍ BoJack's Seafood Grill Restaurant
- ✍ BoJack's Seafood Grill Restaurant
- ✗ favorite_restaurant object (2) Favorite_restaurant

資料庫中的各資料表

操作歷史

「使用者」資料表

Select user to change

Search

Action: 0 of 3 selected

<input type="checkbox"/>	ID	USERNAME	EMAIL ADDRESS	SUPERUSER STATUS	LAST LOGIN	DATE JOINED	PASSWORD
<input type="checkbox"/>	4	vince1	test1@gmail.com		Nov. 20, 2020, 10:02 a.m.	Nov. 20, 2020, 10:02 a.m.	pbkdf2_sha256\$150000\$h6kg0QYpHZON\$xuAgCvlo4E7c/Xe1QWZ4f/dmfjqSas+Wf+DxoYv:
<input type="checkbox"/>	8	w70024	www@gmail.com		Jan. 14, 2021, 4:12 p.m.	Jan. 14, 2021, 4:12 p.m.	pbkdf2_sha256\$150000\$xDfE4J2czRyL\$etMVBO18Sbj455phsxsbkzVZE0Ile4AdhUmuRbsVt
<input type="checkbox"/>	5	willyfang	w70024@gmail.com		Jan. 14, 2021, 5:37 p.m.	Dec. 11, 2020, 2:01 p.m.	pbkdf2_sha256\$150000\$qDvfm2C8YXmL\$elH3bI58L7QeCo6QwoaYL9Pd94kD7jowEpdZB9\

FILTER
By superuser status
 All
 Yes
 No

3 users

「城市」資料表

Select city to change

Action: ----- Go 0 of 48 selected

<input type="checkbox"/>	ID	CITY NAME	COUNTRY ID	LAST MODIFY DATE	CREATED DATE
<input type="checkbox"/>	1	臺松市	2	Nov. 19, 2020, 6:34 p.m.	Nov. 19, 2020, 6:34 p.m.
<input type="checkbox"/>	2	馬尼拉市	2	Nov. 19, 2020, 6:34 p.m.	Nov. 19, 2020, 6:34 p.m.
<input type="checkbox"/>	3	加洛坎市	2	Nov. 19, 2020, 6:34 p.m.	Nov. 19, 2020, 6:34 p.m.
<input type="checkbox"/>	4	達沃市	2	Nov. 19, 2020, 6:34 p.m.	Nov. 19, 2020, 6:34 p.m.
<input type="checkbox"/>	5	宿霧市	2	Nov. 19, 2020, 6:34 p.m.	Nov. 19, 2020, 6:34 p.m.
<input type="checkbox"/>	6	三賽顏	2	Nov. 19, 2020, 6:34 p.m.	Nov. 19, 2020, 6:34 p.m.
<input type="checkbox"/>	7	安蒂波洛	2	Nov. 19, 2020, 6:34 p.m.	Nov. 19, 2020, 6:34 p.m.
<input type="checkbox"/>	8	帕西格	2	Nov. 19, 2020, 6:34 p.m.	Nov. 19, 2020, 6:34 p.m.
<input type="checkbox"/>	9	達義市	2	Nov. 19, 2020, 6:34 p.m.	Nov. 19, 2020, 6:34 p.m.
<input type="checkbox"/>	10	卡加延德奧羅	2	Nov. 19, 2020, 6:34 p.m.	Nov. 19, 2020, 6:34 p.m.

FILTER

By country id

All

1

2

3

「國家」資料表

Select country to change

Action: ----- Go 0 of 3 selected

<input type="checkbox"/>	ID	COUNTRY NAME	LAST MODIFY DATE	CREATED DATE
<input type="checkbox"/>	3	馬來西亞	Nov. 19, 2020, 4:38 p.m.	Nov. 19, 2020, 4:38 p.m.
<input type="checkbox"/>	2	菲律賓	Nov. 19, 2020, 4:37 p.m.	Nov. 19, 2020, 4:37 p.m.
<input type="checkbox"/>	1	台灣	Nov. 19, 2020, 4:37 p.m.	Nov. 19, 2020, 4:37 p.m.

3 countries

Select restaurant to change

「餐廳」資料表

Action: ----- Go 0 of 100 selected

<input type="checkbox"/>	ID	CITY	RESTAURANT NAME	RESTAURANT ADDRESS
<input type="checkbox"/>	332	City object (11)	Cafe BLD at Renaissance Johor Bahru Hotel	2, Jalan Permas 11, Bandar Baru Permas Jaya, 81750 Johor Bahru, Johor, Malaysia
<input type="checkbox"/>	333	City object (11)	金龍咖哩魚頭	74, Jalan Wong Ah Fook, Bandar Johor Bahru, 80000 Johor Bahru, Johor, Malaysia
<input type="checkbox"/>	334	City object (11)	Chez Papa French Bistro And Wine Bar	38 and 40, Jalan Jaya, Taman Maju Jaya, 80400 Johor Bahru, Johor, Malaysia
<input type="checkbox"/>	335	City object (11)	Tosca Italian Trattoria	12, Jalan Ngee Heng, Bandar Johor Bahru, 80000 Johor Bahru, Johor, Malaysia
<input type="checkbox"/>	336	City object (11)	Olive Kitchen Bar Puteri Harbour	Lower Ground Floor, 11 & 12, Persiaran Puteri Selatan, Puteri Harbour, 79100 Nusajaya, Johor, Malaysia
<input type="checkbox"/>	337	City object (11)	德星茶餐室	3&5, Jalan Sutera 1, Taman Sentosa, 80150 Johor Bahru, Johor, Malaysia
<input type="checkbox"/>	338	City object (11)	Zaituna Restaurant	27, Jalan Glasiar, Taman Tasek, 80200 Johor Bahru, Johor, Malaysia
<input type="checkbox"/>	339	City object (11)	億家海鮮	21 & 23, Jalan Indah 25/1, Taman Bukit Indah 2, 81200 Johor Bahru, Johor, Malaysia

FILTER

By country

All

Country object (1)

Country object (2)

Country object (3)

Select favorite_restaurant to change

「收藏」資料表

Action: ----- Go 0 of 7 selected

<input type="checkbox"/>	ID	FAVORITE USER ID	FAVORITE ID	TIME
<input type="checkbox"/>	56	5	569	Jan. 14, 2021, 7:11 p.m.
<input type="checkbox"/>	55	5	29341	Jan. 14, 2021, 7:10 p.m.
<input type="checkbox"/>	54	5	1942	Jan. 14, 2021, 7:10 p.m.
<input type="checkbox"/>	52	8	522	Jan. 14, 2021, 4:12 p.m.
<input type="checkbox"/>	51	9	20201	Jan. 14, 2021, 4:12 p.m.

ADD FAVORITE

FILTER

By favorite user

All

vince1

w70024

willyfang

管理者可以修改資料庫的資料！

<input type="checkbox"/> 676	City object (27)	我媽煮的菜	Le District, Keelung City, 204
<input type="checkbox"/> 677	City object (28)	Second Floor Café	on 3, Roosevelt Rd, Zhongzheng District, Taipei City, 100
<input type="checkbox"/> 678	City object (28)	Mixiang Tai Cai Restaurant	No. 55, Lequn 2nd Road, Zhongshan District, Taipei City, 104
<input type="checkbox"/> 679	City object (28)	BELLINI CAFFE 台北復興店	No. 288號, Fuxing North Road, Zhongshan District, Taipei City, 104
<input type="checkbox"/> 680	City object (28)	Buttermilk 摩登美式餐廳	No. 2, Zhongshan N Rd, Zhongshan District, Taipei City, 10491
<input type="checkbox"/> 681	City object (28)	GUMGUM Beer & Wings 雞翅酒吧	No. 332, Alley 11, Lane 473, Guangfu South Road, Xinyi District, Taipei City, 110
<input type="checkbox"/> 682	City object (28)	Berry Italian Restaurant	114, Taipei City, Neihu District, Alley 44, Lane 22, Wende Road, 20號1樓
<input type="checkbox"/> 683	City object (28)	GAUCHO高卓人阿根廷炭烤餐廳(花博店)	No. 1號, Yumen Street, Zhongshan District, Taipei City, 10491
<input type="checkbox"/> 684	City object (28)	Addiction Aquatic Development	No. 18號, Alley 2, Lane 410, Minzu East Road, Zhongshan District, Taipei City, 10491
<input type="checkbox"/> 685	City object (28)		No. 18號, Lane 316, Section 3, Luosifu Road, Zhongzheng District, Taipei City, 10088
<input type="checkbox"/> 686	City object (28)	Thai Bazaar Breeze Xinyi Restaurant	110, Taipei City, Xinyi District, Section 5, Zhongxiao East Road, 68號4樓
<input type="checkbox"/> 687	City object (28)	樂天皇朝台灣 Paradise Dynasty	110, Taipei City, Xinyi District, Section 5, Zhongxiao East Road, 68號微風信義商場 4樓
<input type="checkbox"/> 688	City object (28)	TONWAY	No. 3, Alley 27, Lane 372, Section 5, Zhongxiao East Road, Xinyi District, Taipei City, 110

假如要修改餐廳資料表的資料

欲修改之餐廳

點選它的id

進入修改餐廳的畫面

Change restaurant

HISTORY

City:

City object (28) ▾



Restaurant name:

Berry Italian Restaurant 貝莉義式餐廳

修改餐廳名稱

Restaurant address:

114, Taipei City, Neihu District, Alley 44, Lane 22, Wende Road, 20號1樓

按下儲存

Delete

Save and add another

Save and continue editing

SAVE

完成修改！

<input type="checkbox"/>	676	City object (27)	我媽煮的菜	No. 356號, Jijin 1st Road, Anle District, Keelung City, 204
<input type="checkbox"/>	677	City object (28)	Second Floor Café	No. 7, Alley 9, Lane 316, Section 3, Roosevelt Rd, Zhongzheng District, Taipei City, 100
<input type="checkbox"/>	678	City object (28)	Mixiang Tai Cai Restaurant	No. 55, Lequn 2nd Road, Zhongshan District, Taipei City, 104
<input type="checkbox"/>	679	City object (28)	BELLINI CAFFE 台北復興店	No. 288號, Fuxing North Road, Zhongshan District, Taipei City, 104
<input type="checkbox"/>	680	City object (28)	Buttermilk 摩登美式餐廳	No. 57之1號, Section 2, Zhongshan N Rd, Zhongshan District, Taipei City, 10491
<input type="checkbox"/>	681	City object (28)	GUMGUM Beer & Wings 雞翅酒吧	No. 38號, Alley 11, Lane 473, Guangfu South Road, Xinyi District, Taipei City, 110
<input type="checkbox"/>	682	City object (28)	Berry Italian Restaurant 貝莉義式餐廳	114, Taipei City, Neihu District, Alley 44, Lane 22, Wende Road, 20號1樓
<input type="checkbox"/>	683	City object (28)	GAUCHO高卓人阿根廷炭烤餐廳(石博店)	No. 1號, Yumen Street, Zhongshan District, Taipei City, 10491
<input type="checkbox"/>	684	City object (28)	Addiction Aquatic Development	No. 18號, Alley 2, Lane 410, Minzu East Road, Zhongshan District, Taipei City, 10491
<input type="checkbox"/>	685	City object (28)	Stream Music Salon	No. 18號, Lane 316, Section 3, Luosifu Road, Zhongzheng District, Taipei City, 10088
<input type="checkbox"/>	686	City object (28)	Thai Bazaar Breeze Xinyi Restaurant	110, Taipei City, Xinyi District, Section 5, Zhongxiao East Road, 68號4樓
<input type="checkbox"/>	687	City object (28)	樂天皇朝台灣 Paradise Dynasty	110, Taipei City, Xinyi District, Section 5, Zhongxiao East Road, 68號微風信義商場 4樓
<input type="checkbox"/>	688	City object (28)	TONWAY	No. 3, Alley 27, Lane 372, Section 5, Zhongxiao East Road, Xinyi District, Taipei City, 110

FoodMap

Hi willyfang! 登出



選擇國家▼

- Second Floor Café
- Mixiang Tai Cai Restaurant
- BELLINI CAFFE 台北復興店
- Buttermilk 摩登美式餐廳
- GOMOGO Beer & wings 雜誌酒吧**
- Berry Italian Restaurant 貝莉義式餐廳**
- GALUCHO 噶路士阿祖羅牛排餐廳(基隆店)
- Addiction Aquatic Development
- Stream Music Salon
- Thai Bazaar Breeze Xinyi Restaurant
- 樂天皇朝台灣 Paradise Dynasty
- TONWAY
- ahmicafé
- GB Brewery Restaurant – Taipei DaZhi Store
- 山頂餐廳 上海江浙菜
- Cyclamen Garden Seafood Restaurant
- MiraWan
- NOTE
- Celestial (天廚菜館)
- 人和園餐廳
- 燒桶子 韓風立燒
- 餐廳 :

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回到前端
可以發現資料確實有修改



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Among Us FoodMap Admin Import PH Import MV Import TW (partial) Import TW (full) Admin

FoodMap Hi willyfang! 登出

Import PH
127.0.0.1:8000/open_data/import_PH-restaurant

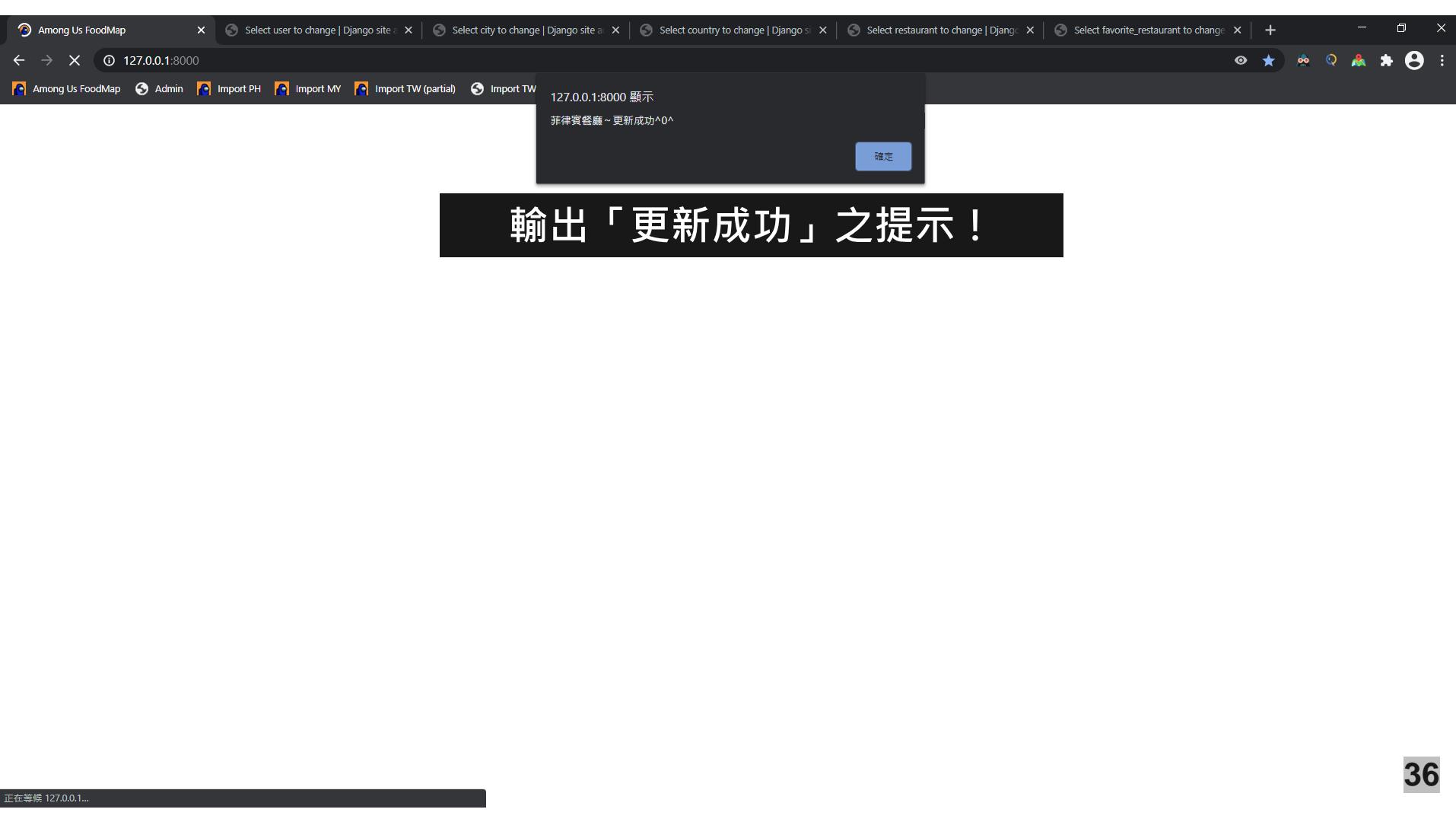
將資料更新寫入資料庫

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FoodMap

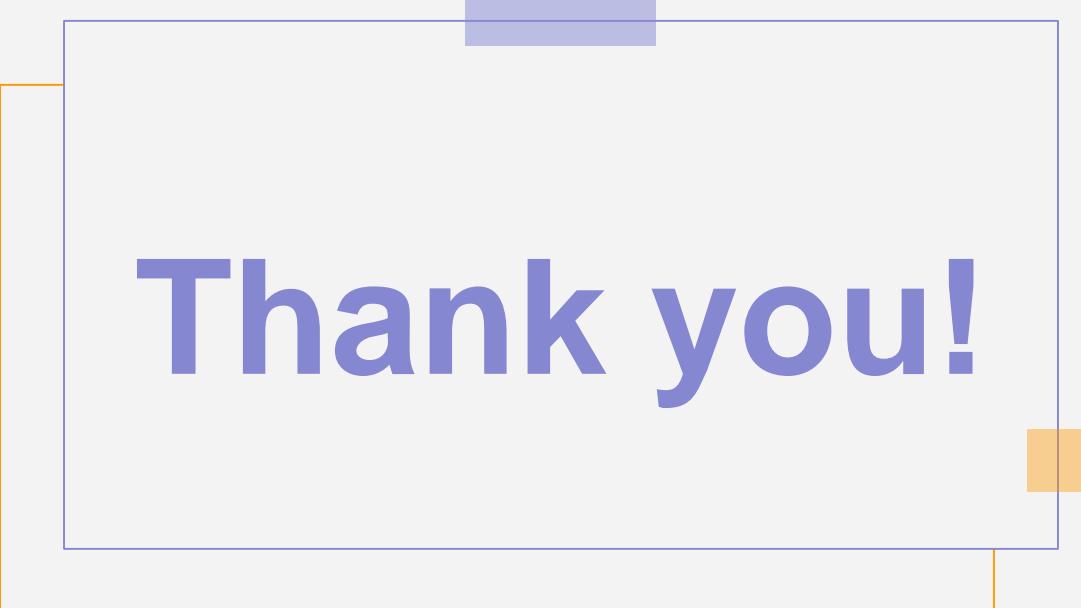
Hi willyfang! 登出

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Thank you!

程式：<https://github.com/LeBronWilly/FoodMap>