

# Personalize Trip Recommendation System 操作説明

- 1.系統功能說明
- 2.test for Demo
  - Login
  - Personal Data
  - Trip recommend

# 系統功能說明

- 此旅遊推薦系統會分析使用者在Flickr上的旅遊相片以得知其旅遊時傾向去的地點類別順序喜好，並配合該地的地點熱門度而提供最符合使用者偏好的旅遊地點推薦。

# Test for Demo



◀ Test for  
Demo

## LOGIN



可用以下幾組FlickrID來進行試用：

**7735863**

**9036889**

**10563630**

預設密碼為：**1234**

# 系統介面

## Personalized Trip Recommendation System

Personal Data

22602880

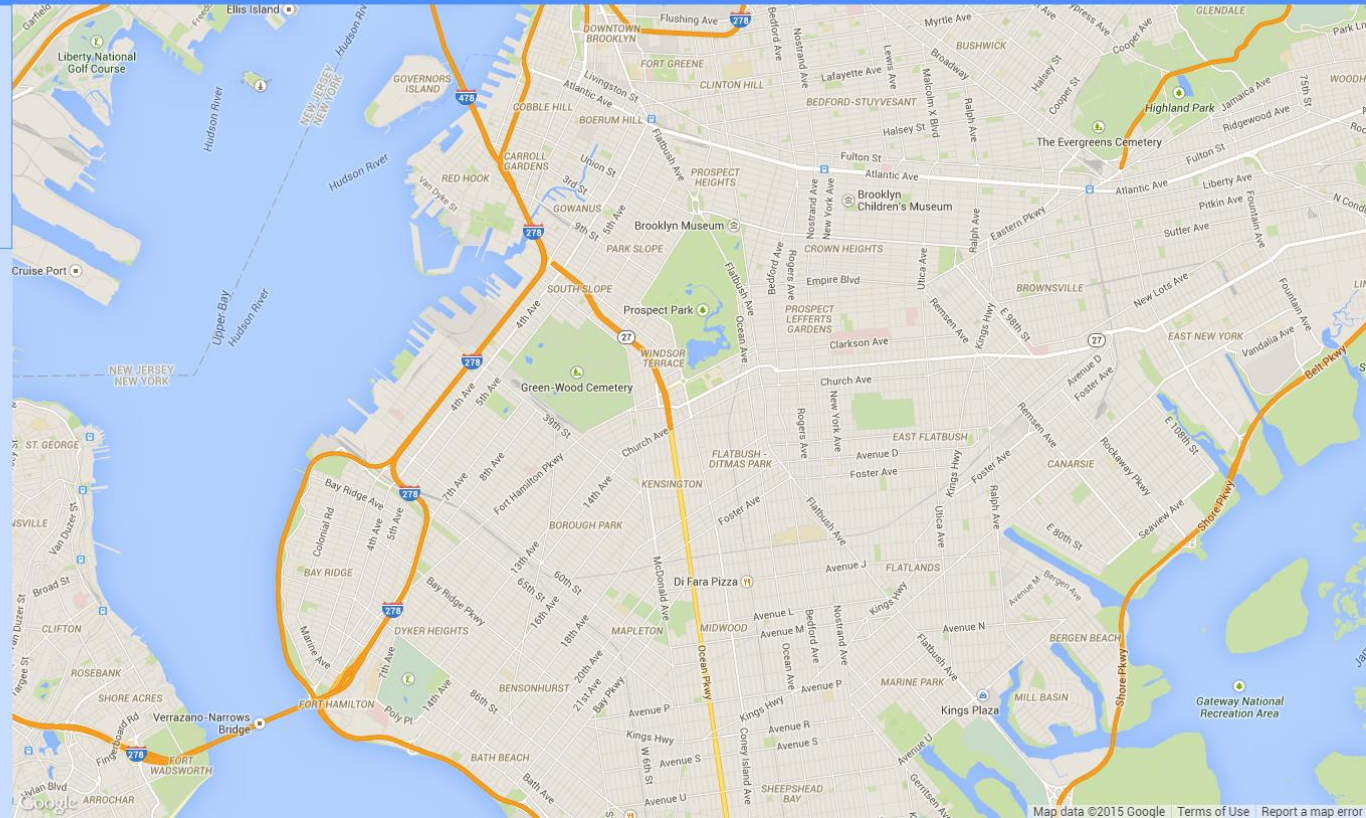
Ex: New York City

Choose category(at most six):

- |   |                                     |
|---|-------------------------------------|
| <input checked="" type="checkbox"/> Art | <input type="checkbox"/> Education  |
| <input type="checkbox"/> Event          | <input type="checkbox"/> Food       |
| <input type="checkbox"/> Nightlife Spot | <input type="checkbox"/> Recreation |
| <input type="checkbox"/> Professional   | <input type="checkbox"/> Residence  |
| <input type="checkbox"/> Service        | <input type="checkbox"/> Transport  |

Recommend num

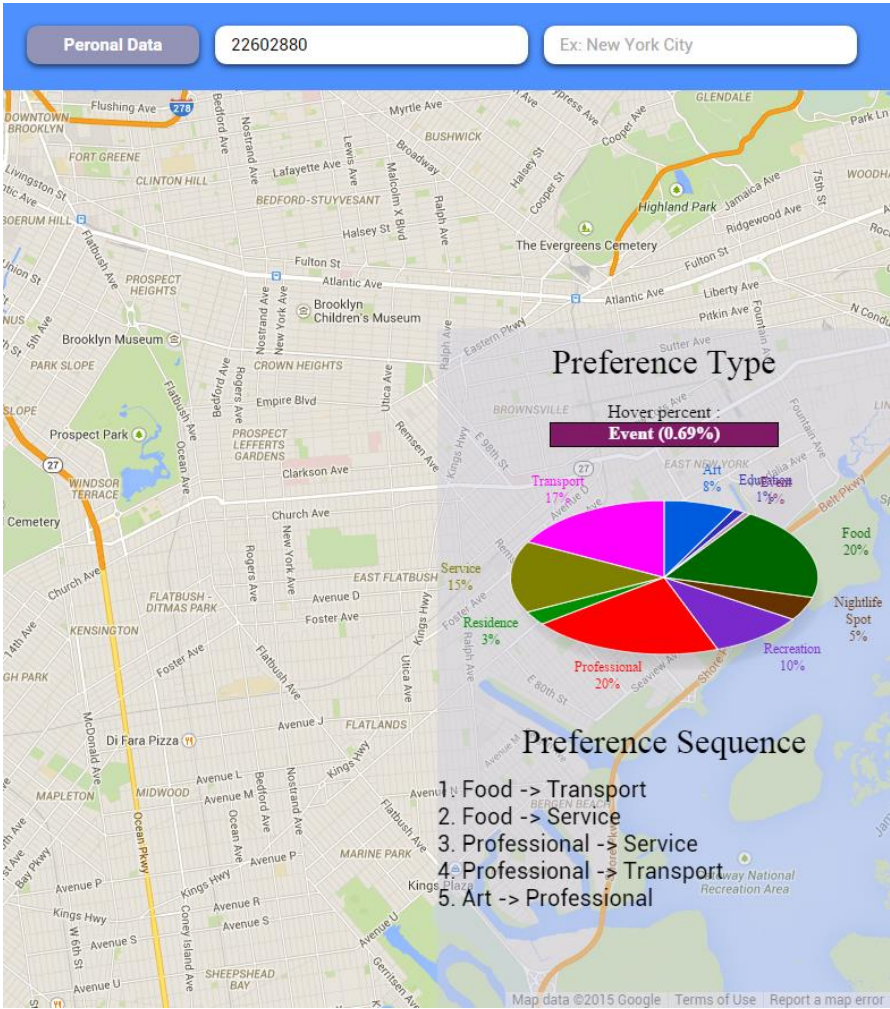
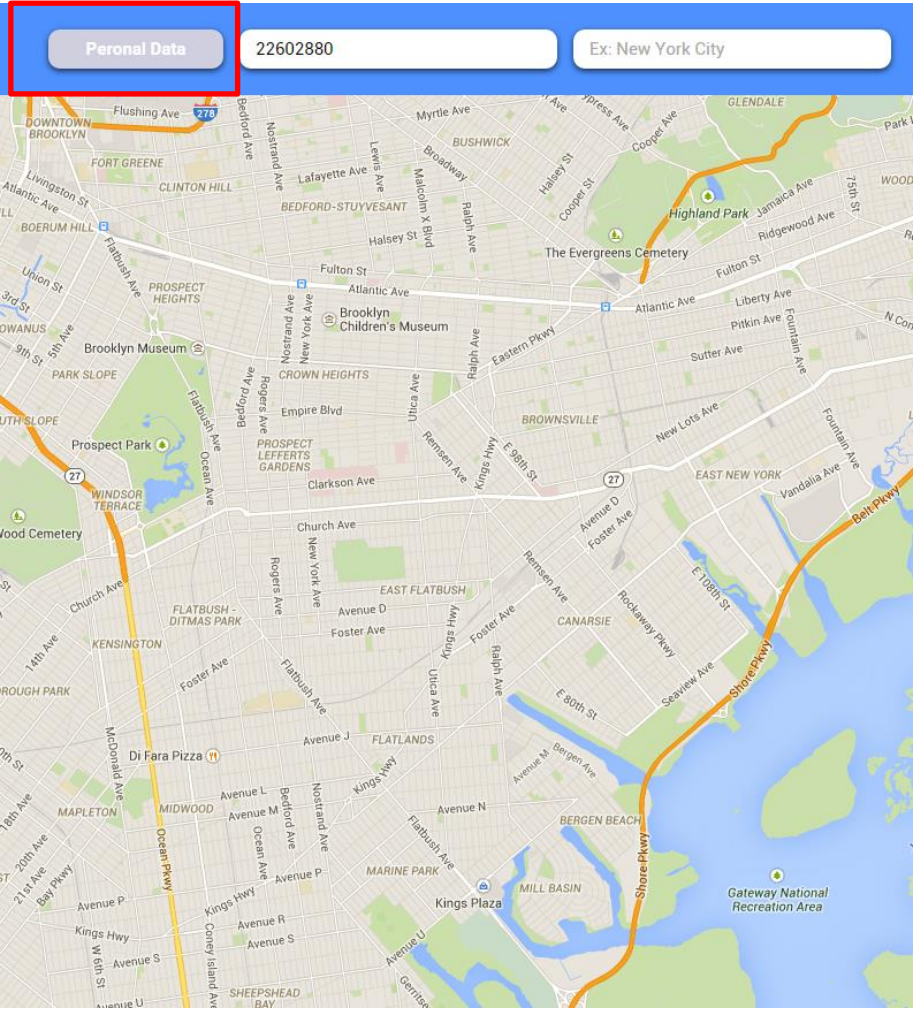
next

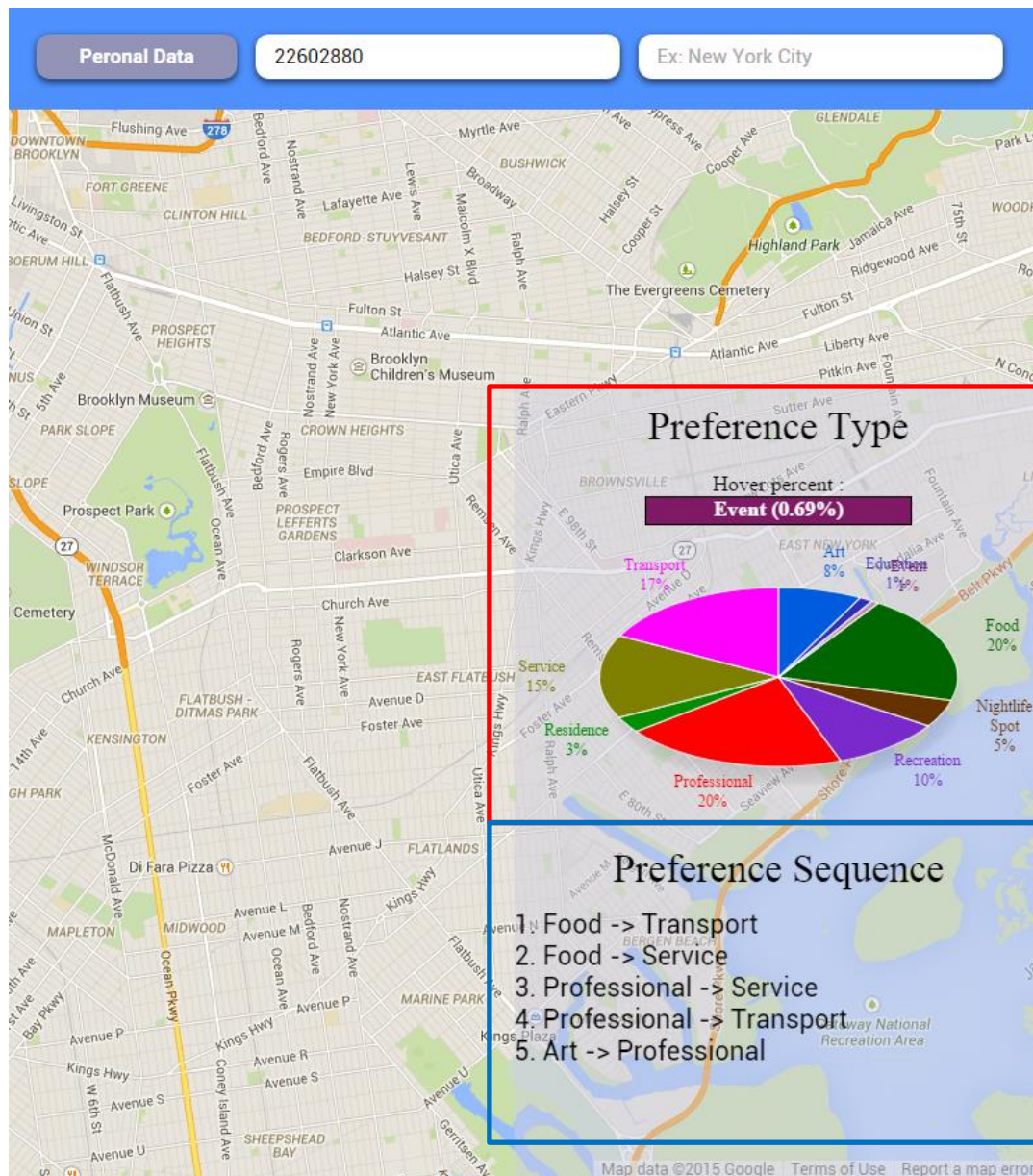




# Personal Data

點擊顯示Personal data，再次點擊取消顯示





顯示使用者對地點類別的喜好程度

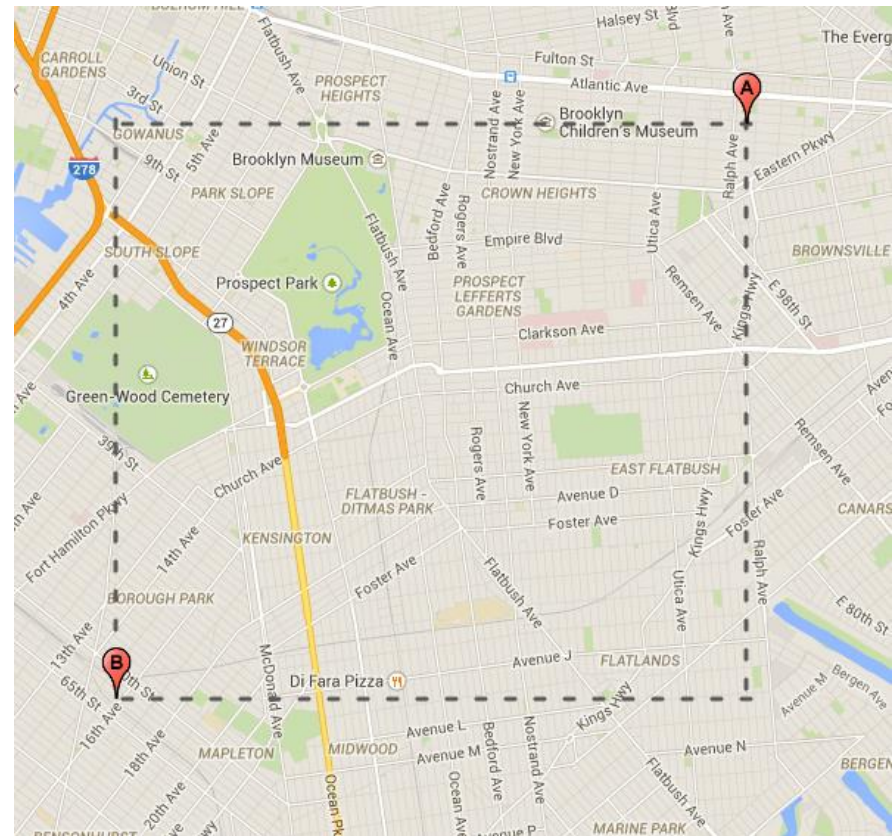
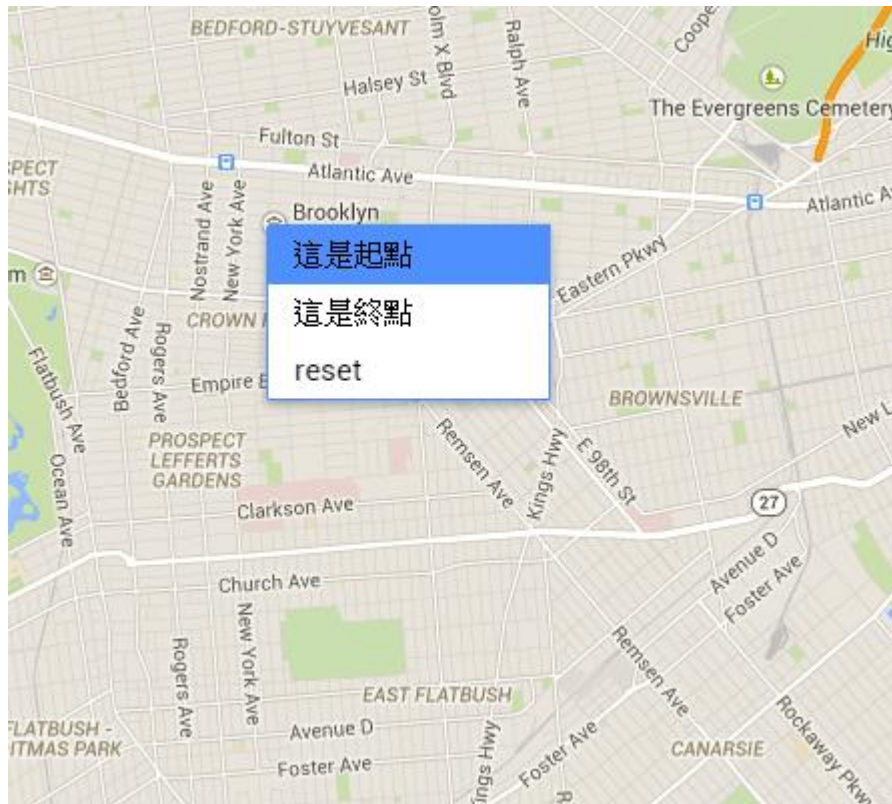
顯示前五個使用者偏好的地點類別次序



# Trip recommend

## 1.決定路徑起點/終點，圈選推薦範圍

在地圖上右鍵，選擇起點及終點。





# Trip recommend

## 2.訂定路徑規則

**Choose category(at most six):**

<input type="checkbox"/> Art	<input type="checkbox"/> Education
<input type="checkbox"/> Event	<input checked="" type="checkbox"/> Food
<input checked="" type="checkbox"/> Nightlife Spot	<input type="checkbox"/> Recreation
<input type="checkbox"/> Professional	<input type="checkbox"/> Residence
<input type="checkbox"/> Service	<input type="checkbox"/> Transport



- 系統將地點類別分為十大類，使用者可依其需求勾選必去的地點類別。

系統除必去地點類別外，額外進行推薦的地點類別數量，必去類別和推薦類別合起來最多六個。

## 2.訂定路徑規則



使用者可訂定必去地點類別次序的合理規則



以拖曳按鈕的方式操作



訂定完次序規則後按  
next

# Personalized Trip Recommendation System

Personal Data

22602880

Ex: New York City

Add rule of category:

Food

Nightlife Spot

reset

add rule

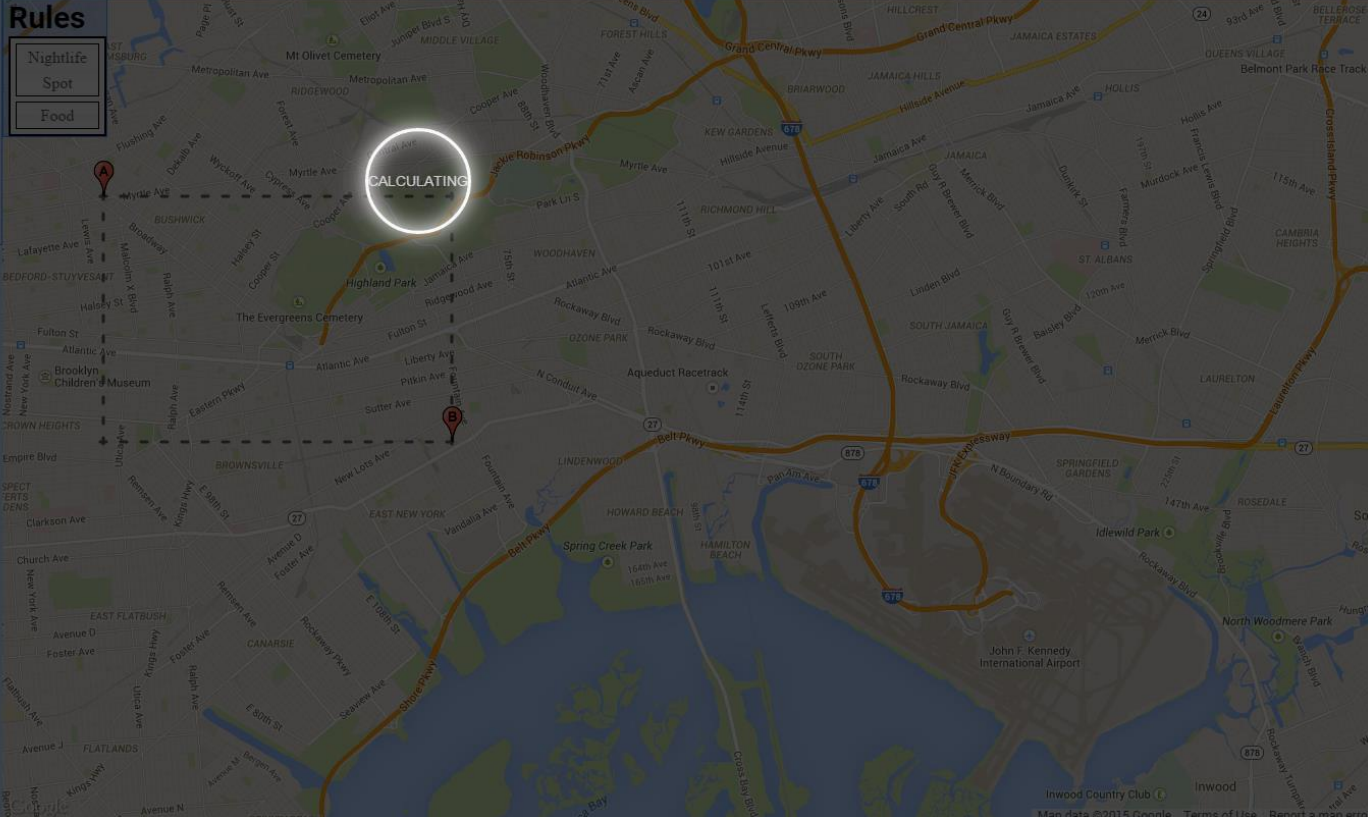
next

Rules

Nightlife Spot

Food

CALCULATING



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等待系統向foursquare取得地點資料進行計算

# Trip recommend

## Personalized Trip Recommendation System

Personal Data

22602880

Ex: New York City

Category sequence of recommendation:

Art

Education

Event

Food

Nightlife Spot

Recreation

Professional

Residence

Service

Transport

reset

send

Category sequence(at most six)

Nightlife

Spot

Service

Transport

Food

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由系統所推薦的地點類別次序



### 3.訂定地點次序

若使用者不滿意系統所推薦的地點類別次序，可自行修改。

### Personalized Trip Recommendation System

Personal Data

22602880

Ex: New York City

Category sequence of recommendation:

Art

Education

Event

Food

Nightlife Spot

Recreation

Professional

Residence

Service

Transport

reset

send

Category sequence(at most six)

Service

Nightlife Spot

Transport

Food

以拖曳方式調換右框的類別次序

Category sequence of recommendation:

Art	Education	Event
Food	Nightlife Spot	Recreation
Professional	Residence	Service
Transport		

reset send

Category sequence(at most six)

Service
Nightlife Spot
Nightlife Spot
Transport
Food

Category sequence of recommendation:

Art	Education	Event
Food	Nightlife Spot	Recreation
Professional	Residence	Service
Transport		

reset send

Category sequence(at most six)

Service
Nightlife Spot
Nightlife Spot
Transport
Food

以拖曳方式從左框將類別按鈕加入

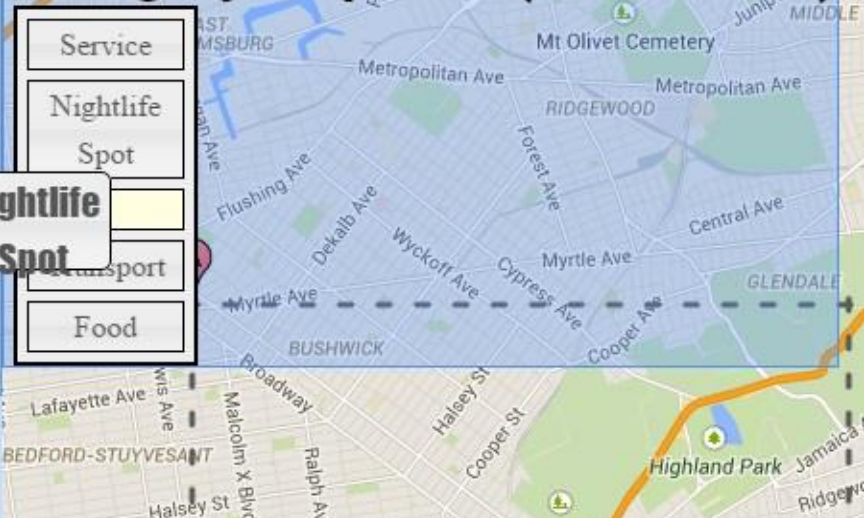


## Category sequence of recommendation:

Art	Education	Event
Food	Nightlife Spot	Recreation
Professional	Residence	Service
Transport		
reset		send

## Category sequence(at most six)

Service
Nightlife Spot
Transport
Food

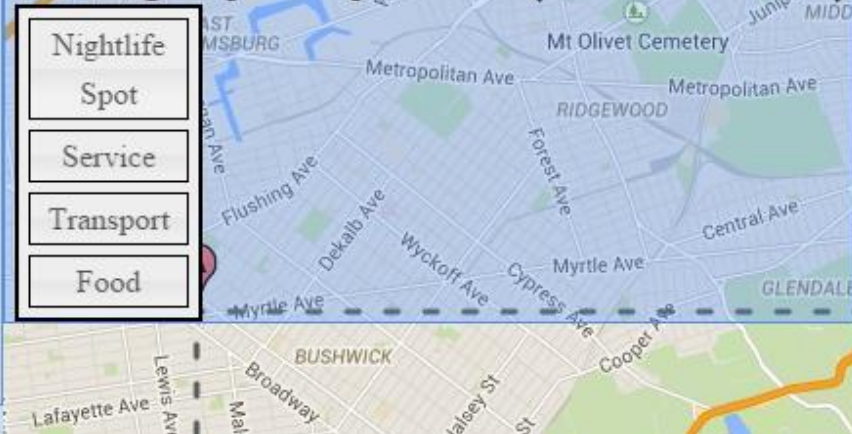


## Category sequence of recommendation:

Art	Education	Event
Food	Nightlife Spot	Recreation
Professional	Residence	Service
Transport		
reset		send

## Category sequence(at most six)

Nightlife Spot
Service
Transport
Food



將右框的類別移出右框外以消去

# Trip recommend

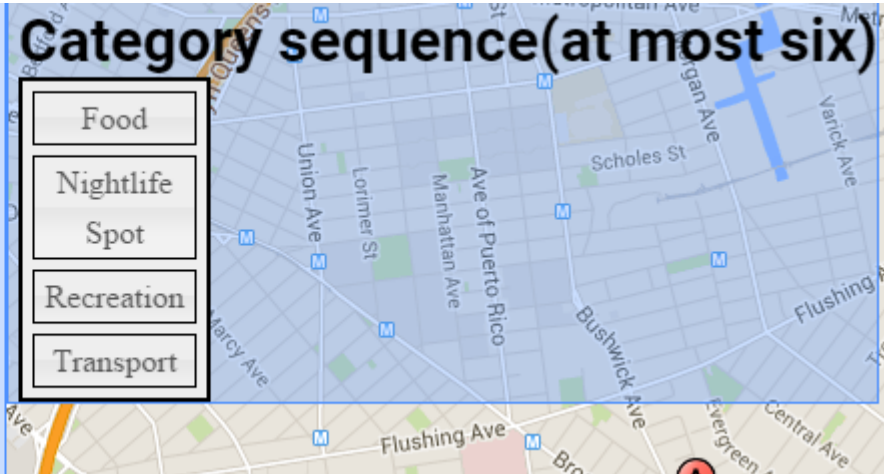
- 4. 由系統推薦地點與路徑

**Category sequence of recommendation:**

Art	Education	Event
Food	Nightlife Spot	Recreation
Professional	Residence	Service
Transport		

**Category sequence(at most six)**

Food
Nightlife Spot
Recreation
Transport



決定好類別次序後按下send，由系統進行推薦



# Trip recommend

## Personalized Trip Recommendation System

Personal Data

22602880

Ex: New York City

Category sequence of recommendation:

Art

Education

Event

Food

Nightlife Spot

Recreation

Professional

Residence

Service

Transport

reset

send

Category sequence(at most six)

Food

Nightlife Spot

Recreation

Transport


Food

Caribbean Restaurant

Conrad's Bakery

rating: 8.1 check-in: 1112

Smell will get you every time




Nightlife Spot

Bar

Casablanca Cocktail Lounge

rating: 8 check-in: 175

Nice to have another place in the hood, and i'm sure they'll do well, but i get the feeling it won't be for me. i'm looking for someplace that won't make me feel like i'm at the Lower East Side.




Recreation

Park

Saratoga Park

rating: 7.3 check-in: 1679

Welcome to the jungle




Transport

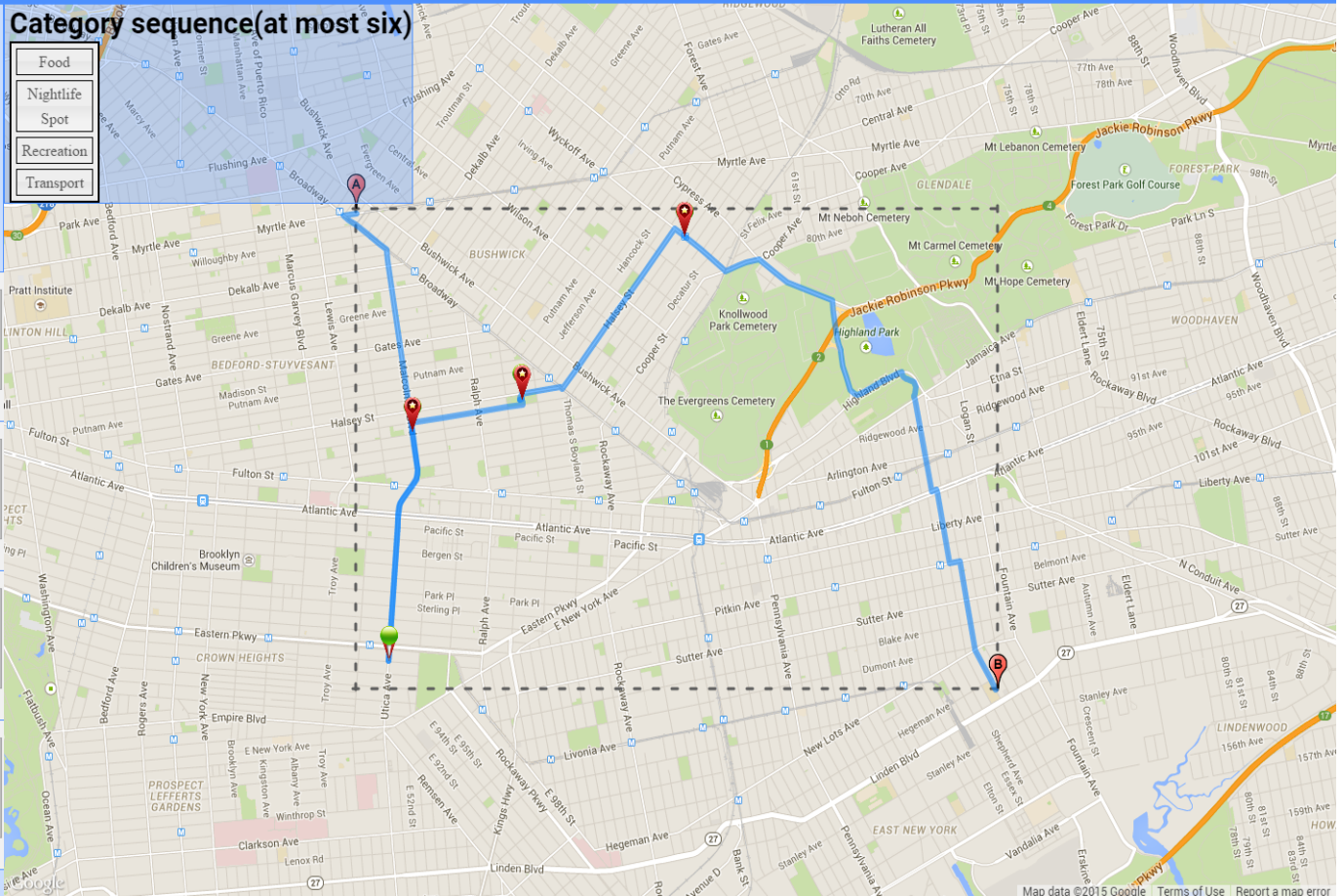
Subway

MTA Subway - Halsey St (L)

rating: None check-in: 3241

Jump the turnstile! They'll never catch you!





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由系統所推薦的旅遊地點及路徑

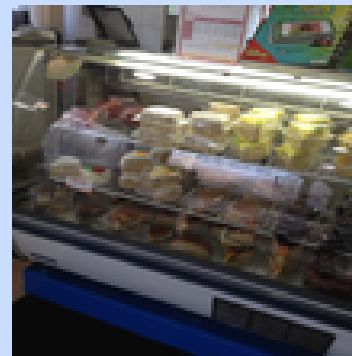
## Food

Caribbean Restaurant

## Conrad's Bakery

rating: 8.1 check-in: 1112

Smell will get you every time



地點欄位依序會有

地點所屬大類別

地點類別名稱

地點名稱

評分      打卡數

地點說明或是其他評論

該地點圖片