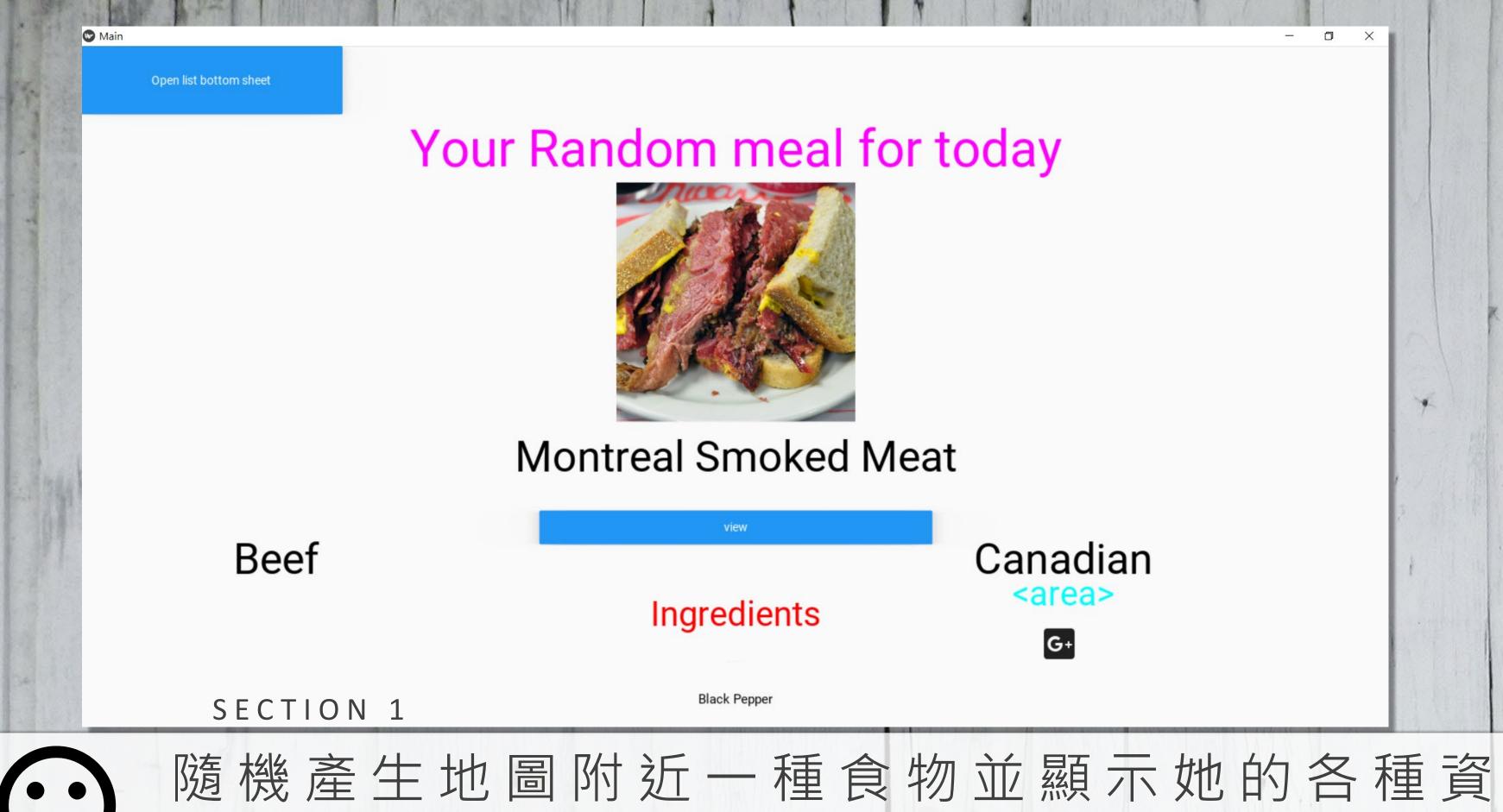
Python期末專題 407510062 經濟三 吳翔詠







訊



Step 2

```
def on_start(self):
    os.environ['SSL_CERT_FILE'] = certifi.where()
    UrlRequest('https://www.themealdb.com/api/json/v1/1/random.php', on_success=self.success, on_failure=self.failure, on_error=self.error)
def success(self, urlrequest, result):
    ingredient_list = self.root.ids['home'].ids['ingredient_list']
    print(result)
    self.youtube = result['meals'][0]['strYoutube']
    self.name = result['meals'][0]['strMeal']
    self.category = result['meals'][0]['strCategory']
    self.area = result['meals'][0]['strArea']
    self.image = result['meals'][0]['strMealThumb']
    self.url = result['meals'][0]['strSource']
    for i in range(1,21):
       if result['meals'][0][f'strIngredient{i}'] != '':
           l = Label(text=result['meals'][0][f'strIngredient{i}']_color=(0,0,0,1))
           ingredient_list.add_widget(l)
```

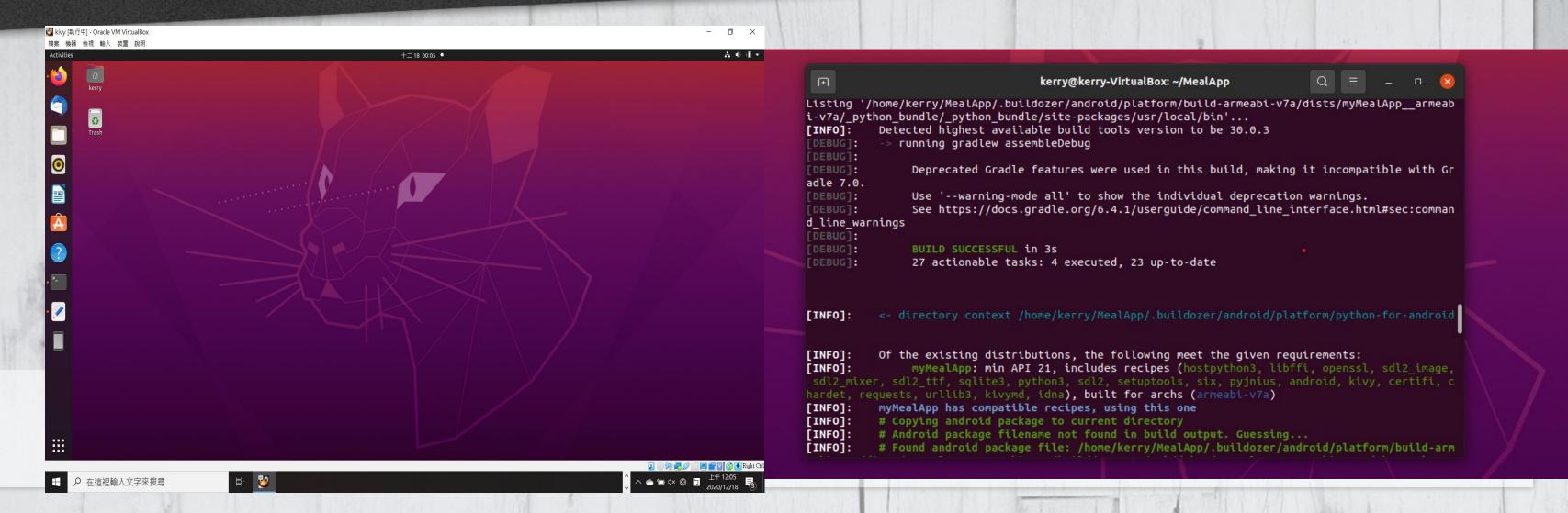
使用網站提供的API獲取想要的資料,例如:食物的名字、食物的圖片等等

```
ef show_example_list_bottom_sheet(self):
  bs_menu = MDListBottomSheet()
  bs_menu.add_item("Watch",
                  lambda x: self.watch(), icon="youtube", )
                                                                   製作額外的功能欄
  bs_menu.add_item("Code Link",
                  lambda x: self.link(), icon="page-previous", )
  bs_menu.add_item("Made by kerry 407510062",
                  lambda x: None, icon="dev-to", )
  bs_menu.add_item("using Python!", lambda x: self.version(),
                  icon="language-python", )
  bs_menu.add_item("Exit", lambda x: self.Exit(),
                  icon="exit-to-app", )
  bs_menu.open()
```

```
ef view(self):
                                              if self.url != '':
                                                  webbrowser.open(self.url)
                                              if self.url == '':
                                                  Snackbar(text='Url is not available').show()
                                           ef watch(self):
                                              if self.youtube != '':
                                                  webbrowser.open(self.youtube)
                                              if self.youtube == '':
                                                  Snackbar(text='Url is not available').show()
製作各種連結按鈕
                                           ef link(self):
                                              webbrowser.open('https://github.com/kerry41015104/kerry41015104')
                                           ef goole(self):
                                              webbrowser.open('https://earth.google.com/web/search/' + self.area)
                                           ef version(self):
                                              Snackbar(
                                                  text='python version == 3.7'
                                              ).show()
                                           ef Exit(self):
                                              exit(0)
```

```
name. nome
<homeScreen>:
   FloatLayout:
       Label:
          text: 'Your Random meal for today'
          font_size:60
          pos_hint:{'top':.9}
          size_hint:1,.1
           color:1,0,1,1
       AsyncImage:
           source: app.image
           pos_hint:{'top':.8}
           size_hint:1,.35
        Label:
           text:app.name
           font_size:50
           pos_hint:{'top':.45}
            size_hint:1,.1
            color:0,0,0,1
                                                                  使用kivy特有的kv語言來完
        Label:
            text:app.category
            font_size:50
                                                                  成Label或Button等功能
            pos_hint:{'top':.3,'left':1}
            size_hint:.3,.1
            color:0,0,0,1
         MDRaisedButton:
            pos_hint:{'top':.32,'right':.65}
             size_hint:.3,.05
             text:'view'
```

Step 6



製作成APK檔

打開虛擬機(如果電腦是Window),下載buildozer開始debug

Step 7

```
[app]
# (str) Title of your application
title = My MealApp
package.name = myMealApp
package.domain = org.test
# (str) Source code where the main.py live
source.dir = .
source.include_exts = py,png,jpg,kv,atlas
#source.exclude_exts = spec
#source.exclude_patterns = license,images/*/*.jpg
# (str) Application versioning (method 1)
version = 0.1
```

Spec File

客製化你想要的APK檔,以 及細節調整

