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# **GeoRemindMe Documentation**

***Release 1.0***

**GeoRemindMe**

March 09, 2012



# CONTENTS



GeoRemindMe es un proyecto que está estructurado en diferentes paquetes que agrupan diferentes funcionalidades dentro de la aplicación.

El funcionamiento general de la aplicación **es simple**, funciona del siguiente modo:

Cada URL de la aplicación llama a una función declarada dentro de una determinada vista, y esta puede o no llamar a su vez a otras funciones de la misma o de las vistas de otros paquetes.



# INDICES Y TABLAS

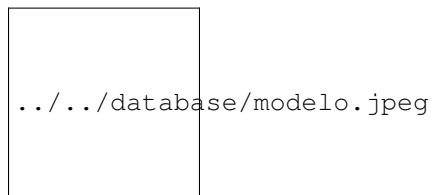
- *genindex*
- *modindex*
- *search*





# MODELADO DE LA BASE DE DATOS

En el siguiente diagrama resume la estructura de la aplicación:





# PAQUETES

Estos paquetes son:

## 3.1 API

`apps.api.views.api_city_current` (*request*, *lat*, *lon*)

Returns the current city

### Parameters

- **lat** (*float*) – Latitude
- **lon** (*float*) – Longitude

### Returns

```
>>> city_current(37,-3)
Requesting ->
{"id":"jsonrpc", "params":[37, -3], "method":"city_current", "jsonrpc":"1.0"}
Got ->
{"error": null, "jsonrpc": "1.0", "id": "jsonrpc", "result": "[{"pk": 2513124, "name": "Madrid"}]"
```

`apps.api.views.api_login` (*request*, *username*, *password*)

Logs a user in the system

### Parameters

- **username** (*string*) – Username or email
- **password** (*string*) – User's password

**Returns** session id

**Raises** InvalidCredentialsError or OtherError

`apps.api.views.api_places_near` (*request*, *lat*, *lon*, *accuracy=100*)

Returns the places near to the location

### Parameters

- **lat** – Latitude
- **lon** – Longitude
- **accuracy** (*integer*) – max distance requested (in meters)

**Returns**

```
>>> places_near(37,-3,500)
Requesting ->
{"id":"jsonrpc", "params":[37, -3, 500], "method":"places_near", "jsonrpc":"1.0"}
Got ->
{"error": null, "jsonrpc": "1.0", "id": "jsonrpc", "result": {"c644dcd3f743006f3}}
```

`apps.api.views.api_register(request, username, email, password)`  
Register a new user in the system

**Parameters**

- **username** (*string*) – Username
- **email** (*string*) – Email
- **password** (*string*) – User's password

**Returns** session id if registration success

**Raises** InvalidCredentialsError or OtherError

`apps.api.views.api_suggestion_detail(request, pk)`  
Returns a suggestion ignored :param lat: Latitude :type username: float :param lon: Longitude :type lon: float

**Returns** Suggestion

`apps.api.views.api_suggestions_near(request, lat, lon, accuracy=100)`  
Returns the suggestions near to the location

**Parameters**

- **lat** – Latitude
- **lon** (*float*) – Longitude
- **accuracy** (*integer*) – max distance requested (in meters)

**Returns**

```
>>> suggestions_near(37,-3,500000)
Requesting ->
{"id":"jsonrpc", "params":[37, -3, 500000], "method":"suggestions_near", "jsonrpc":"1.0"}
Got ->
{"error": null, "jsonrpc": "1.0", "id": "jsonrpc", "result": [{"pk": 4, "model": "api_suggestion", "lat": 37, "lon": -3, "accuracy": 500000}]}
```

`apps.api.views.api_user_backpack(request, *args, **kwargs)`  
Return the user's backpack. Requires authentication

**Returns** Suggestions

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**Note:** Dentro de esta aplicación se encuentra la aplicación para Facebook.

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# PYTHON MODULE INDEX

## a

`apps.api.views`, ??

## w

`webapp.apps.api.views` (*GeoRemindMe!*), ??