**Ottermap**

**What are all the things that we can do through this Website …**

1. We can add a shop with the ‘LATITUDE’ and ‘LONGITUDE’ data
2. Customers can see their nearby shops, given their ‘LATITUDE’ and ‘LONGITUDE’.

Note: I have provided a link to get latitude and longitude data from an external website (referred out [here](https://www.latlong.net/))

**Tech Stack Used:**

1. Python
2. Django
3. DRF
4. HTML
5. CSS

**APIs:**

1. Create Shop API
   1. Endpoint 🡪 /shops/v1/CreateShopAPI/
   2. Request

{

shop\_name: Name of shop,

shop\_description: Some shop description,

shop\_latitude: Latitude of shop location,

shop\_longitude: Longitude of shop location,

shop\_city: City,

shop\_state: State

}

* 1. Response

{

status: 201,

message: Shop Created Successfully

}

* 1. Error

{

status: 404,

message: Error Message

}

1. Get Shops API
   1. Endpoint 🡪 ‘/shops/v1/GetShopAPI’
   2. Request 🡪 params = {‘lat’: 2.258585, ‘long’:69.253691}
   3. Response

{

id : 1,

shop\_name : Name of Shop,

shop\_description : Description,

shop\_latitude : 56.398785,

shop\_longitude : 2.369258,

shop\_city : ‘City’,

shop\_state : ‘State’,

distance : 25

}

* 1. Error

{

status: 404,

message: ‘Error Message’

}

I have given two more views to assign the template and make the functionality smooth. I have used APIs to validate data and store it in the database.

**All the APIs are made folder here 🡪** [**APIs**](https://www.postman.com/dyord2/workspace/ottermap/collection/32082835-dcf7d68a-78c0-4f77-8dbc-c729deaac2a1?action=share&creator=32082835)

**GitHub Repo 🡪**