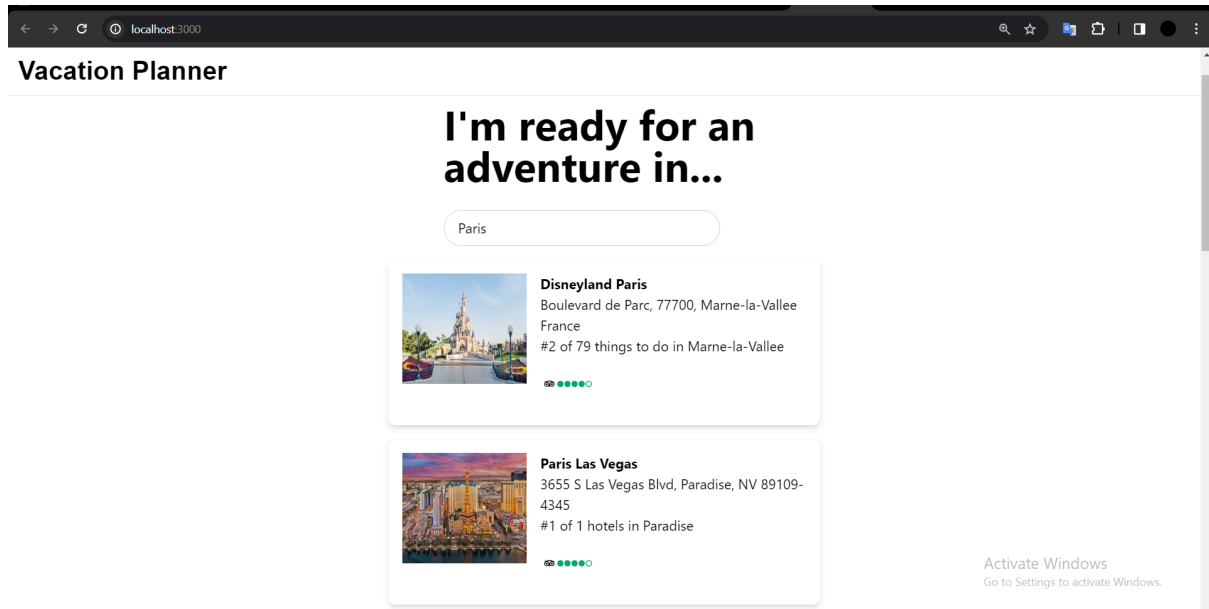


# Attraction Search functionality

<https://github.com/ViktorVelizarov/vacation-planner/tree/AttractionSearch>



The first thing I decided to make in my Vacation Planner project is this attraction search that shows data about different attractions in a given destination. Since the idea of the project is to use AI to generate a vacation plan, I think this manual search option is gonna be used to add things to the already generated AI plan and not as the main planning tool, but I thought making it is a good starting point for the project.

The data on the different attractions is taken from the TripAdvisor Web API. I made 3 API endpoints in my app to connect to the said web API and return different types of attraction data. Here are the endpoints:

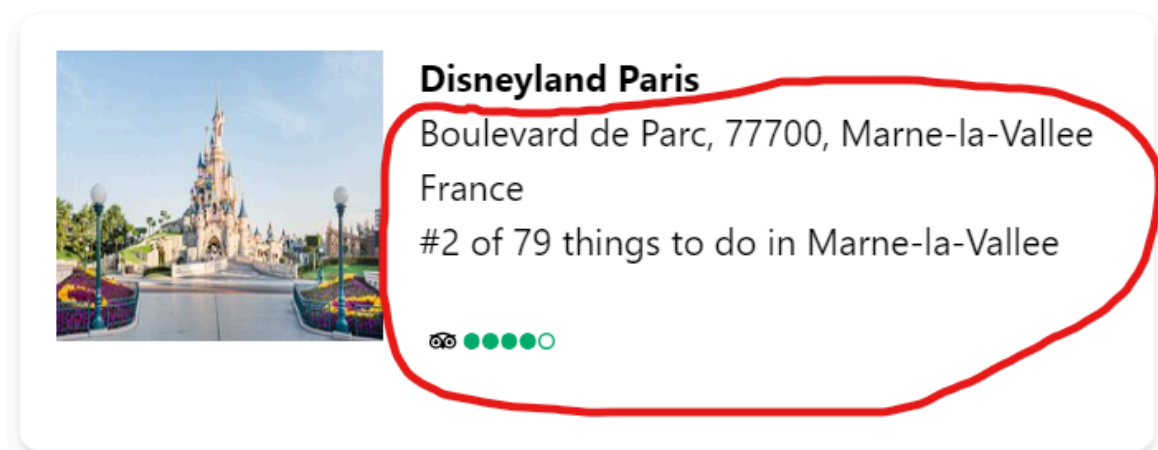
## **/api/GetLocations/[destinationName]**

This endpoint takes a destinationName as a URL parameter and returns attractions found on the given destination by the TripAdvisor web API. Here is how the result looks in Postman:

```
GET http://localhost:3000/api/GetLocations/Paris
Status: 200 OK Time: 433 ms Size: 3.15 KB
Body: [{"location_id": "187147", "name": "Paris", "address_obj": {"city": "Ile-de-France", "country": "France", "address_string": "Paris France"}}, {"location_id": "189258", "name": "Disneyland Paris", "address_obj": {"street1": "Boulevard de Parc", "street2": "", "city": "Marne-la-Vallee", "country": "France", "postalcode": "77700", "address_string": "Boulevard de Parc, 77700, Marne-la-Vallee France"}}]
```

## /api/GetLocationDetails/[locationID]

This endpoint takes in locationID as a URL parameter and returns a description of the given attraction. I use this endpoint to load a rating and address of each found attraction.



This is how the result of the endpoint looks in Postman:

```
GET http://localhost:3000/api/GetLocationDetails/189258 Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

Body Cookies Headers (4) Test Results Status: 200 OK Time: 1065 ms Size: 5.54 KB Save as example

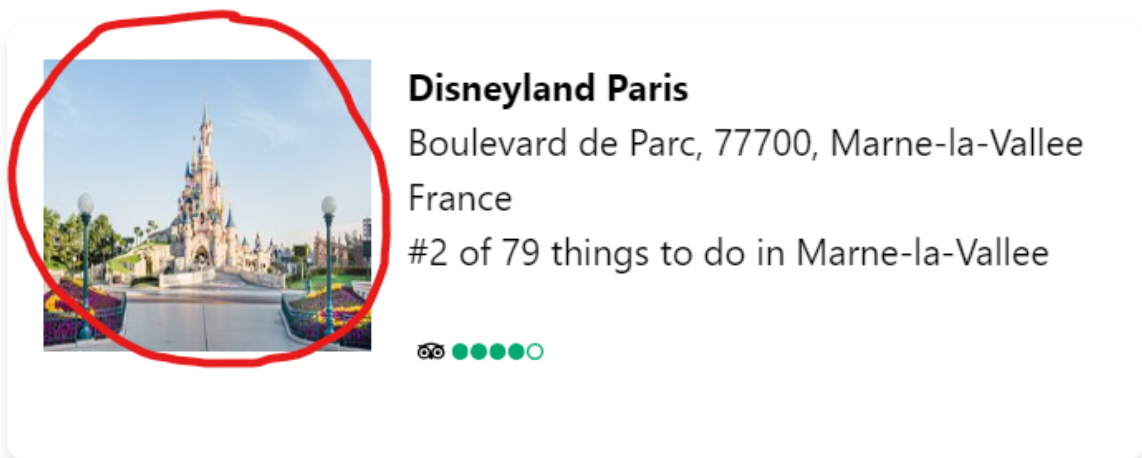
Pretty Raw Preview Visualize JSON

1 {
2   "location_id": "189258",
3   "name": "Disneyland Paris",
4   "description": "Welcome to the place where everyone can shine their brightest!\n\nSince opening in 1992, Disneyland Paris* has welcomed
hundreds of millions of guests through its gates, making it Europe's number-one tourist destination\n\nWith the majestic Sleeping
Beauty castle as its heart, Disneyland park is the fantastical home to five incredible lands. For 30 magical years, it's been the
place where extraordinary stories come to life before your very eyes. Buckle up because you're about to whizz around Discoveryland,
Fantasyland, Frontierland, Adventureland, and Main Street U.S.A.*\n\nFeel unique magic in the air, as the 30th Anniversary festive
aura transforms Disneyland park into a vibrant wonderland. With stunning surroundings, the mesmerizing Gardens of Wonder, and many
eye-catching surprises, you're sure to get swept up in the celebratory spirit.\n\nAs night falls, prepare to be amazed by the
award-winning Disney D-Light, where spectacular drone light choreography illuminates the sky.",
5   "web_url": "https://www.tripadvisor.com/
Attraction_Review-g226865-d189258-Reviews-Disneyland_Paris-Marne_la_Vallee_Seine_et_Marne_Ile_de_France.html?m=66827",
6   "address_obj": {
7     "street1": "Boulevard de Parc",
8     "street2": "",
9     "city": "Marne-la-Vallee",
10    "country": "France",
11    "postalcode": "77700",
12    "address_string": "Boulevard de Parc, 77700, Marne-la-Vallee France"
13  },
14  "ancestors": [

```

## /api/GetLocationPhotos/[locationID]

This endpoint takes a locationID and returns the photo of that attraction:



```
GET http://localhost:3000/api/GetLocationPhotos/189258 Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

Body Cookies Headers (4) Test Results Status: 200 OK Time: 556 ms Size: 6.33 KB Save as example

Pretty Raw Preview Visualize JSON

1 {
2   "data": [
3     {
4       "id": 647160983,
5       "is_blessed": false,
6       "caption": "Disneyland Paris",
7       "published_date": "2022-10-17T17:09:35.882Z",
8       "images": {
9         "thumbnail": {
10          "height": 50,
11          "width": 50,
12          "url": "https://media-cdn.tripadvisor.com/media/photo-t/26/92/e4/97/disneyland-paris.jpg"
13        }
14      }
15    }
16  ]
17 }
```