

Travel Web Application – User Manual

Our web application provides you an easy and intuitive way to plan your trip to a certain destination, considering the things that interest you. The easy-to-use user interface also allows you to filter results by distance, categories and average rating.

After you enter your destination and preferences, our program would analyze it and display all the relevant results on a map. Then, you could see some details about each place, read other users' reviews about it and choose whether you want to visit it.

The app uses a data base consisted of almost 9 million different records of points of interest, such as parks, museums, lakes and a lot more.

Configuration:

There are two Configuration files:

ConfigServer.json is the configuration file for the server and the SQL handler. It includes the port for the server to listen on and the connection information to the DB.

ConfigClient.js is the configuration file for the client. It contains the port for the client to connect to the server.

Note: the port in ConfigServer.json (under "app") and the port in ConfigClient.js should be the same in order to allow communication between the client and the server.

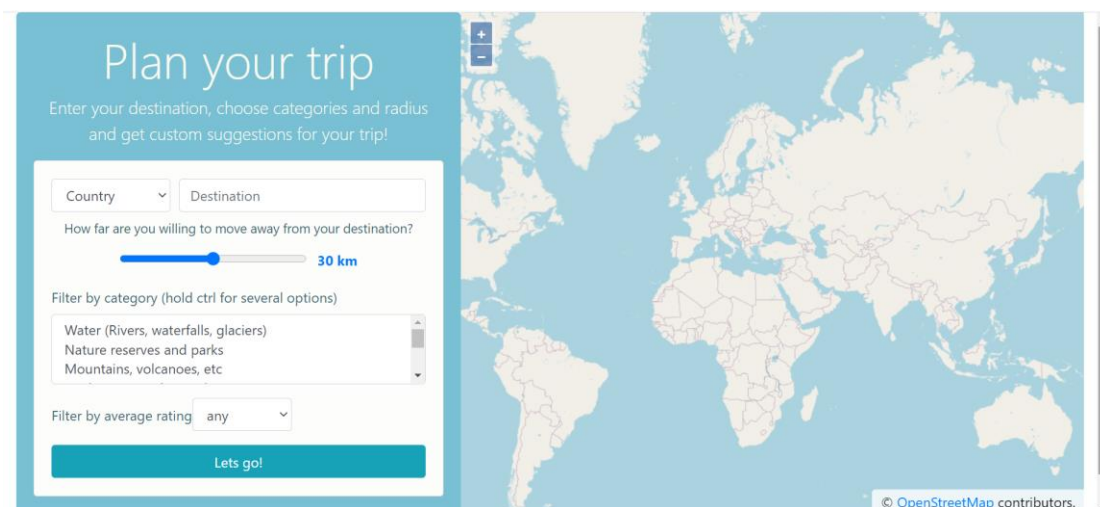
How to run the application:

1. First, open the folder of the application.
2. Make sure the port in ConfigServer.json (under "app") and in ConfigClient.js are identical, as mentioned above.
3. Open the command line and write the next command: `node server.js`
4. You will see the connection details and that the server is listening on the given port.
5. Open the browser and write in the address line: `localhost:port`
Where port is the port specified in the configuration files.

How to use – step by step:

The application is a dynamic web page, hence it has one screen.

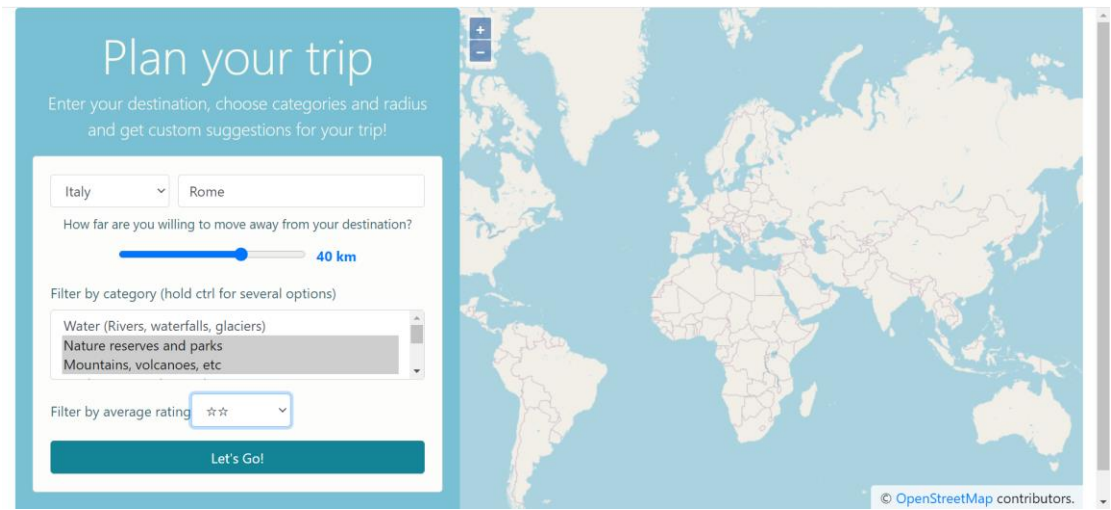
When you first open the application, you'll see the next screen:



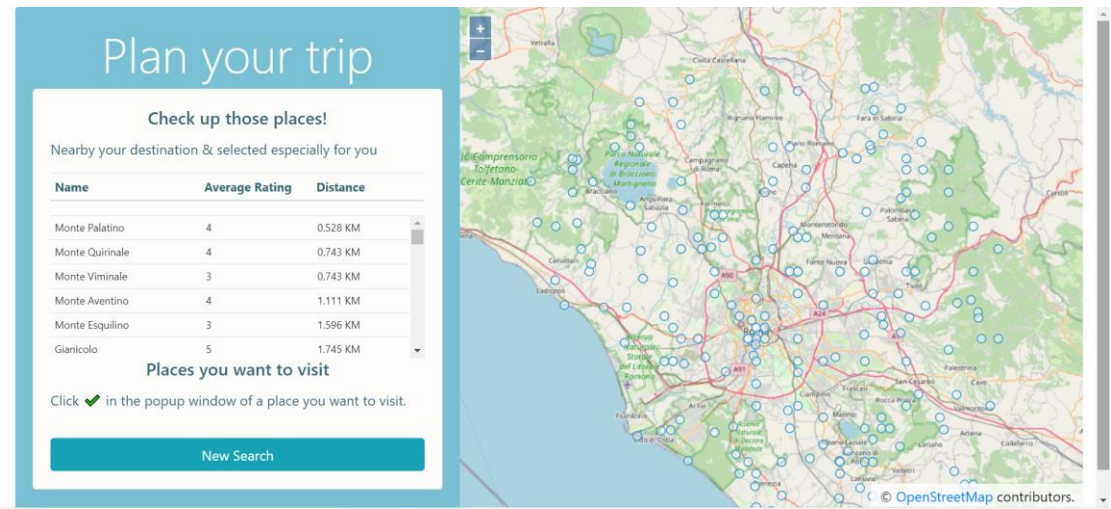
On the left you should enter your destination, the country you're going to visit and the radius you'll want to move from the destination. You can filter the results by their average rating and choose categories of interest (if you want to choose more than one category, simply hold ctrl on your keyboard and click on all the categories you're interested in).

Here, for example, we filled up the input fields as if we wanted to travel to Rome, Italy. The categories that interest us are Nature reserves and parks, Mountains,

volcanoes, etc., and we want to check up only places that have an average rating of 2 stars and above.

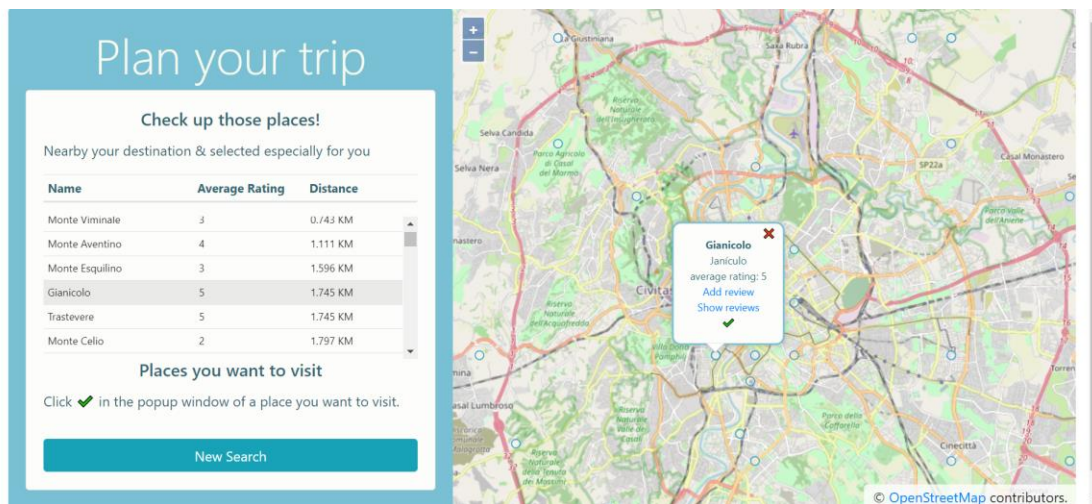


After you fill up these fields, click the "Let's Go!" button. The app would look for the best results for you throughout its database. When the results are ready for you, the screen would look like the following:

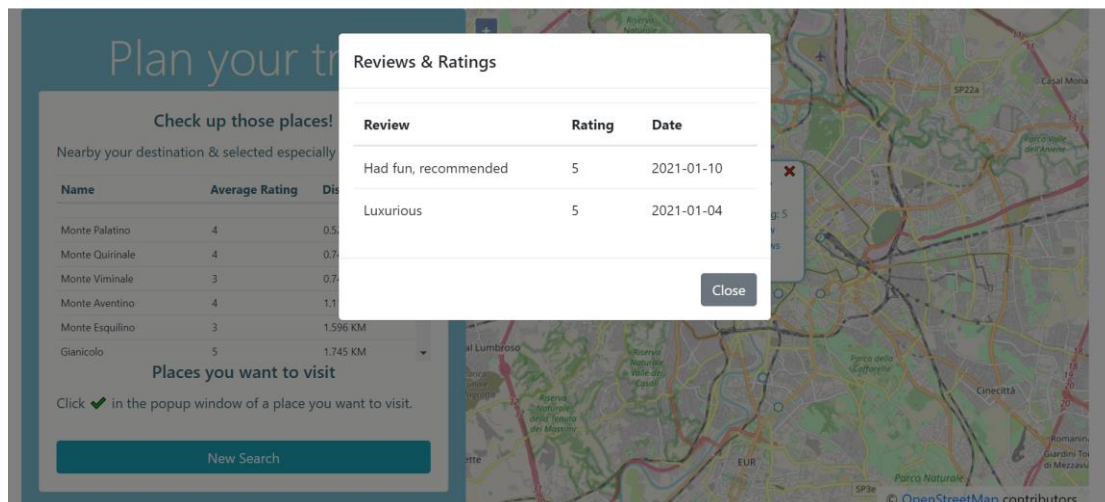


The table on the left contains all the results we found for you, where every row in the table is one place, its average rating and its distance from the destination you entered.

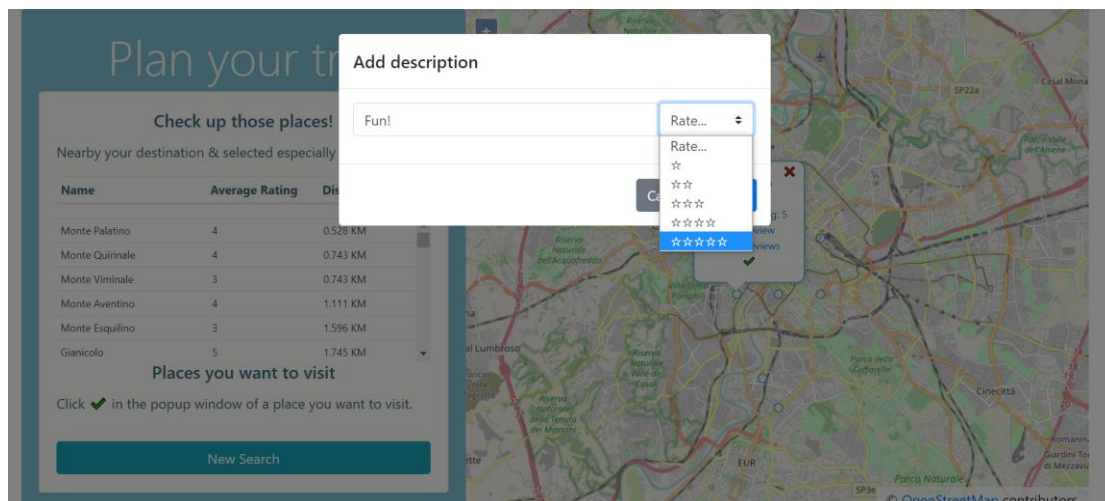
You can click on each marker on the map to open a popup with its details (name, alternative names, average rating, reviews). Alternatively, you can click on any row in the table on the left to open the popup of this place.



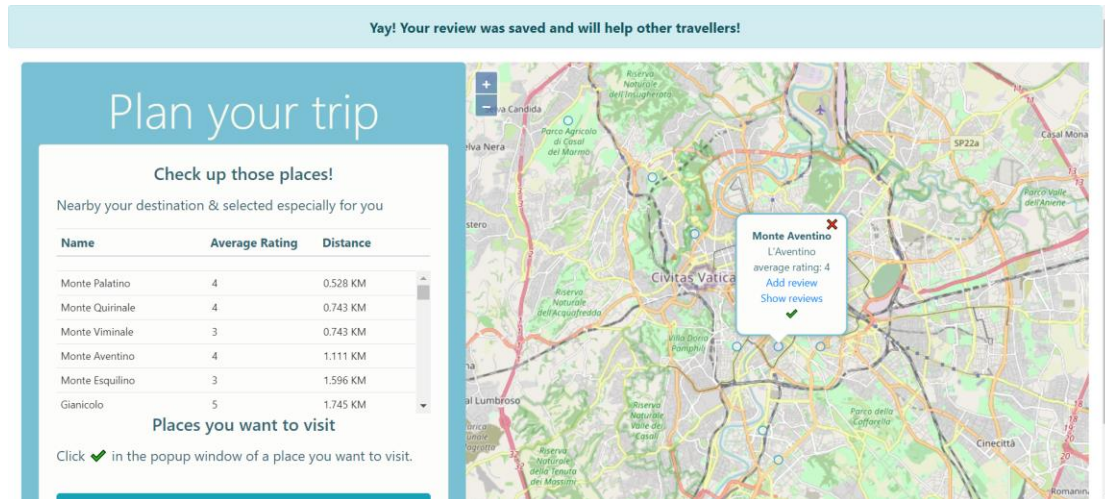
By clicking the "Show reviews" button in the popup you can watch all reviews of this place:



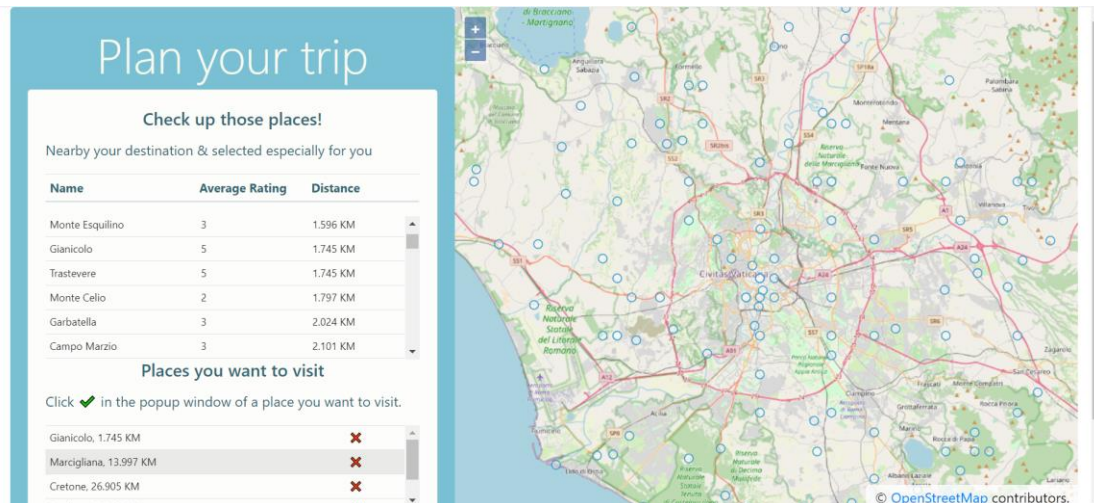
You can also add your own review using the "Add review" button in the popup. Enter your review and select the rating:



To save the review click on "Save". We will add your review and rating to our database, in order to help other travelers. If you'll click again on "Show reviews" you'll see your new review.



By clicking on the in the popup of different places, you can create a list of places you want to visit. Clicking on a row in the list would open the popup of this location, and by clicking on the you can edit the list.



At any time, you can click on the "new search" button to start a new search. The button is located at the bottom left side of the screen, just below the list of places you chose to visit.

Plan your trip

Check up those places!

Nearby your destination & selected especially for you

Name	Average Rating	Distance
Monte Esquilino	3	1.596 KM
Gianicolo	5	1.745 KM
Trastevere	5	1.745 KM
Monte Celio	2	1.797 KM
Garbatella	3	2.024 KM
Campo Marzio	3	2.101 KM

Places you want to visit

Click  in the popup window of a place you want to visit.

Marcigliana, 13.997 KM



New Search

