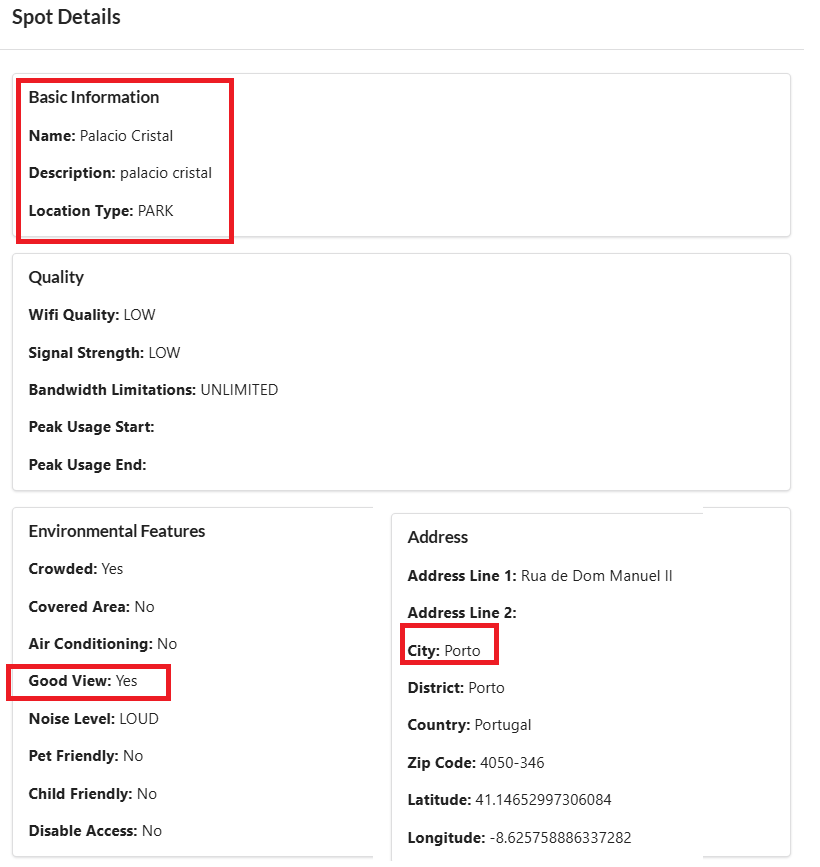
**Test Case 1: Successful IA Suggestion Search SUCCESS**

* **Preconditions**: Valid locations exist in the database.
* **Steps**:
  1. Enter valid criteria in the "IA Suggestion" field (e.g., " partner location, in Porto “").
  2. Submit the request.
* **Expected Result**: The map displays only the locations that match the criteria.

BEFORE:  
Uma imagem com mapa, texto, atlas, captura de ecrã

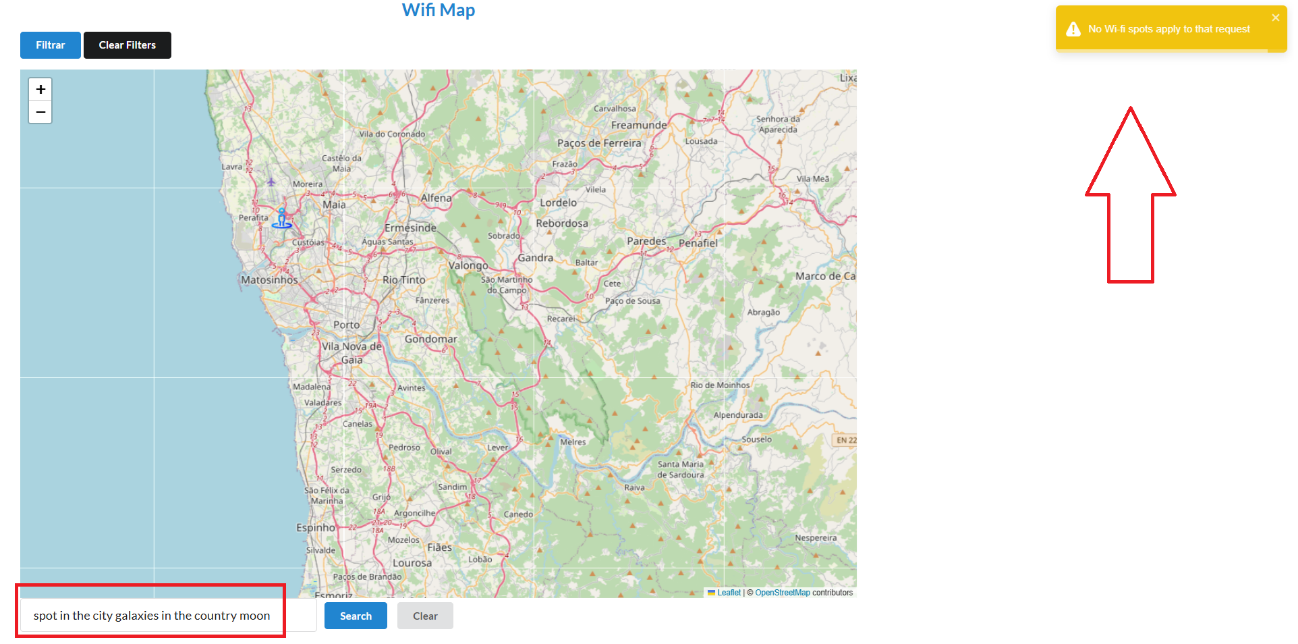
Descrição gerada automaticamente  
AFTER Applying filter **not verified spot in porto with good view**

Uma imagem com mapa, texto, atlas, captura de ecrã

Descrição gerada automaticamente  
one of the spots   


**Test Case 2: No Matching Locations SUCCESS**

* **Preconditions**: No locations in the database match the entered criteria.
* **Steps**:
  1. Enter criteria that have no matches (e.g., "in the city called moon").
  2. Submit the request.
* **Expected Result**: The system displays "No locations found."



**Test Case 3: Invalid Input SUCCESS**

* **Preconditions**: The user is on the map page.
* **Steps**:
  1. Enter invalid or ambiguous input in the "IA Suggestion" field (e.g., "??" or random text).
  2. Submit the request.
* **Expected Result**: The system prompts the user with a message to clarify or refine their search criteria.

Uma imagem com texto, mapa, atlas, captura de ecrã

Descrição gerada automaticamente

**Test Case 4: Real-time updates to filtered results SUCCESS**

* **Preconditions**: The "IA Suggestion" field is active, and the map displays all locations initially.
* **Steps**:
  1. Enter valid criteria in the "IA Suggestion" field.
  2. Modify the criteria (e.g., from "location in Porto city" to "locations in Valongo city").
  3. Submit the modified request.
* **Expected Result**: The map dynamically updates to reflect the new search criteria.

Wifi in porto city  
Uma imagem com mapa, texto, atlas, captura de ecrã

Descrição gerada automaticamente

Followed by wifi in Gondomar

Uma imagem com mapa, texto, atlas, captura de ecrã

Descrição gerada automaticamente