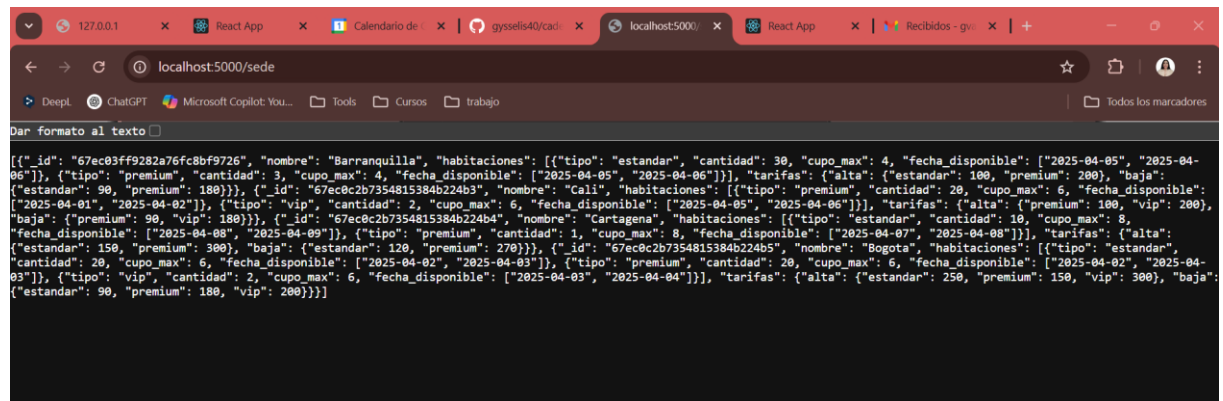


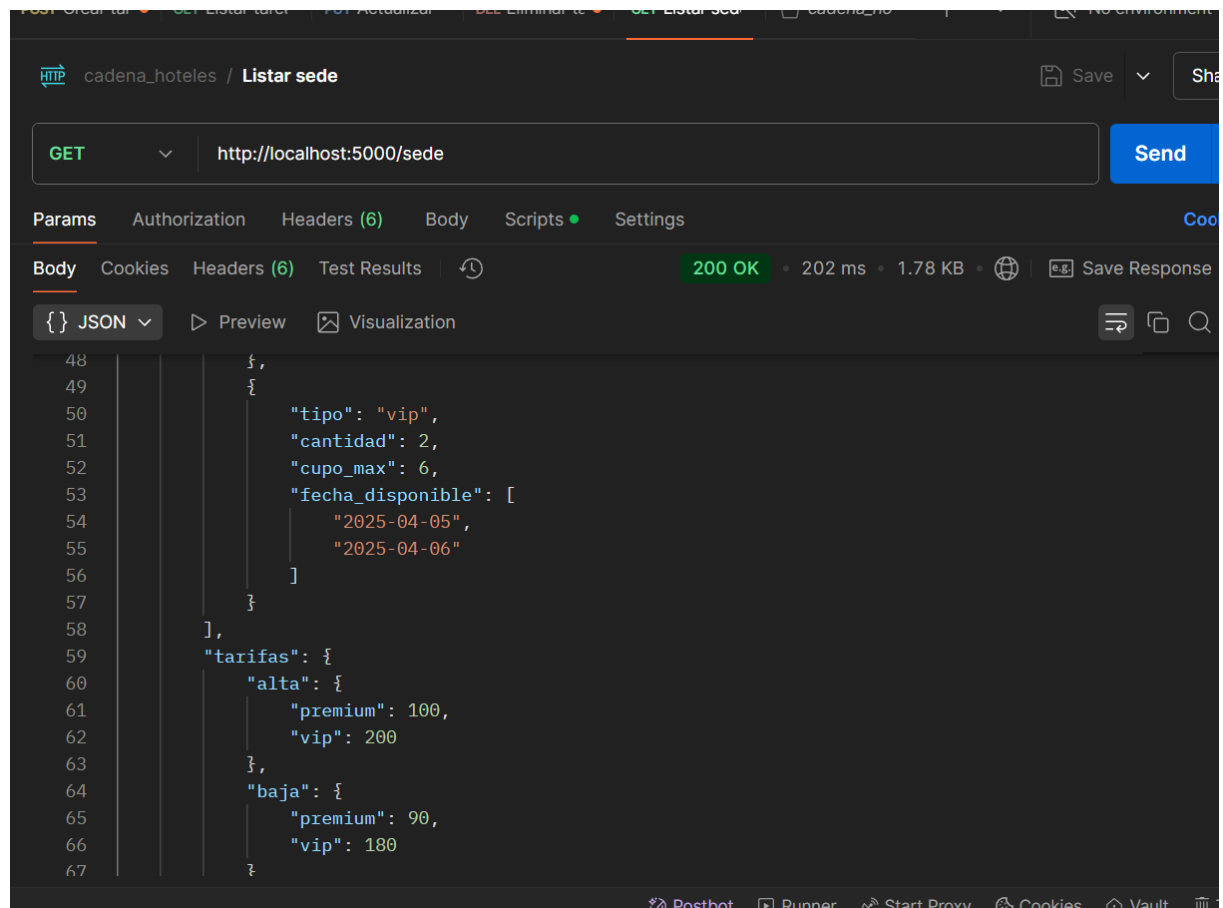
En los archivos dockerfile de back y front se especifica las versiones y ejecución.

En primer lugar, **backend**:



A screenshot of a web browser window showing a JSON response from the endpoint `localhost:5000/sede`. The JSON data represents hotel locations and their room availability. It includes fields like `id`, `nombre`, `habitaciones` (with sub-objects for room types and counts), and `tarifas` (with sub-objects for different rate plans).

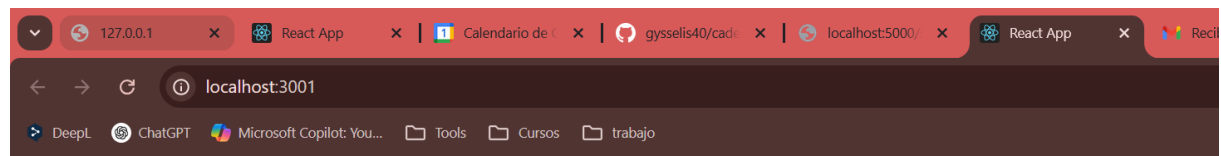
```
[{"id": "67ec03ff9282a76fc8bf9726", "nombre": "Barranquilla", "habitaciones": [{"tipo": "estandar", "cantidad": 30, "cupo_max": 4, "fecha_disponible": ["2025-04-05", "2025-04-06"]}, {"tipo": "premium", "cantidad": 3, "cupo_max": 4, "fecha_disponible": ["2025-04-05", "2025-04-06"]}], "tarifas": {"alta": {"estandar": 100, "premium": 200}, "baja": {"estandar": 90, "premium": 180}}, {"id": "67ec0c2b7354815384b224b3", "nombre": "Cali", "habitaciones": [{"tipo": "premium", "cantidad": 20, "cupo_max": 6, "fecha_disponible": ["2025-04-01", "2025-04-02"]}, {"tipo": "vip", "cantidad": 2, "cupo_max": 6, "fecha_disponible": ["2025-04-05", "2025-04-06"]}], "tarifas": {"alta": {"premium": 100, "vip": 200}, "baja": {"premium": 90, "vip": 180}}, {"id": "67ec0c2b7354815384b224b4", "nombre": "Cartagena", "habitaciones": [{"tipo": "estandar", "cantidad": 10, "cupo_max": 8, "fecha_disponible": ["2025-04-08", "2025-04-09"]}, {"tipo": "premium", "cantidad": 1, "cupo_max": 8, "fecha_disponible": ["2025-04-07", "2025-04-08"]}], "tarifas": {"alta": {"estandar": 150, "premium": 300}, "baja": {"estandar": 120, "premium": 270}}, {"id": "67ec0c2b7354815384b224b5", "nombre": "Bogota", "habitaciones": [{"tipo": "estandar", "cantidad": 20, "cupo_max": 6, "fecha_disponible": ["2025-04-02", "2025-04-03"]}, {"tipo": "premium", "cantidad": 20, "cupo_max": 6, "fecha_disponible": ["2025-04-02", "2025-04-03"]}], "tarifas": {"alta": {"estandar": 250, "premium": 150, "vip": 300}, "baja": {"estandar": 90, "premium": 180, "vip": 200}}}]
```



A screenshot of the Postman application showing a GET request to `http://localhost:5000/sede`. The response is a 200 OK status with a response time of 202 ms and a body size of 1.78 KB. The response body is a JSON array of hotel location objects, including details like `id`, `nombre`, `habitaciones`, and `tarifas`.

```
[{"id": "67ec03ff9282a76fc8bf9726", "nombre": "Barranquilla", "habitaciones": [{"tipo": "vip", "cantidad": 2, "cupo_max": 6, "fecha_disponible": ["2025-04-05", "2025-04-06"]}], "tarifas": {"alta": {"premium": 100, "vip": 200}, "baja": {"premium": 90, "vip": 180}}}]
```

FRONTEND



Cadena Hotelera

Consultar Disponibilidad

01/04/2025		02/04/2025		Cali	Consultar
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Calcular Tarifa

Cali	premium	alta	2	1	Calcular
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Resultados

- Tipo: premium, Cantidad: 20, Cupo Máximo: 6