

Arquitectura de Software (CE 5508)

Laboratorio #1 REST-API

Estudiantes:

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GitHub Repo

https://github.com/JosephTico/soa-lab1.git

Usos del API

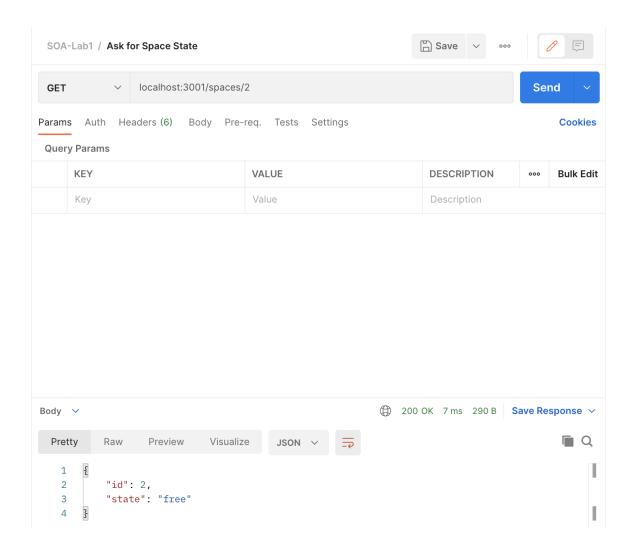
GET/spaces

```
Save ∨ ∞ ⊘ □
 SOA-Lab1 / List of Spaces
 GET

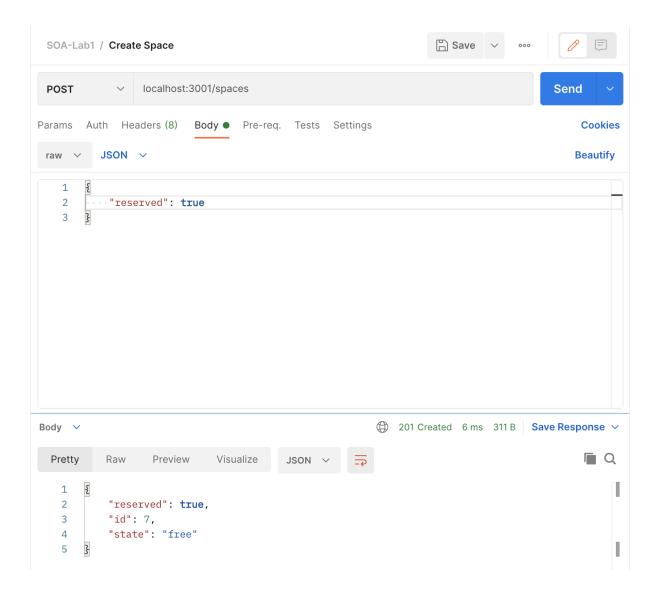
√ localhost:3001/spaces

                                                                                   Send
Params Auth Headers (8) Body ● Pre-req. Tests Settings
                                                                                       Cookies
raw V JSON V
                                                                                      Beautify
   1
        ···"state": · "free"
   2
                                                         200 OK 7 ms 413 B Save Response V
Body 🗸
                                        JSON V
                                                                                        ■ Q
 Pretty
          Raw
                  Preview
                            Visualize
   1
       [
   2
           -{
              "id": 0,
   3
               "state": "free"
   4
   6
           {
              "id": 1,
               "state": "free"
   9
          },
  10
               "id": 2,
  11
               "state": "free"
  12
  13
          },
                                                                                             ı
  14
           {
              "id": 3,
  15
               "state": "free"
  16
  17
          },
                                                                                             18
           -{
              "id": 4,
               "state": "free"
                                                                                             3,
  21
  22
               "id" - 5
```

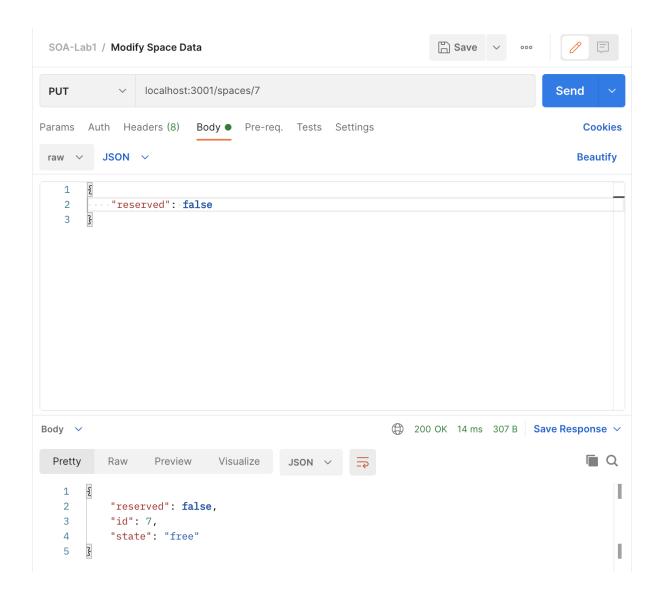
GET /spaces/{id}



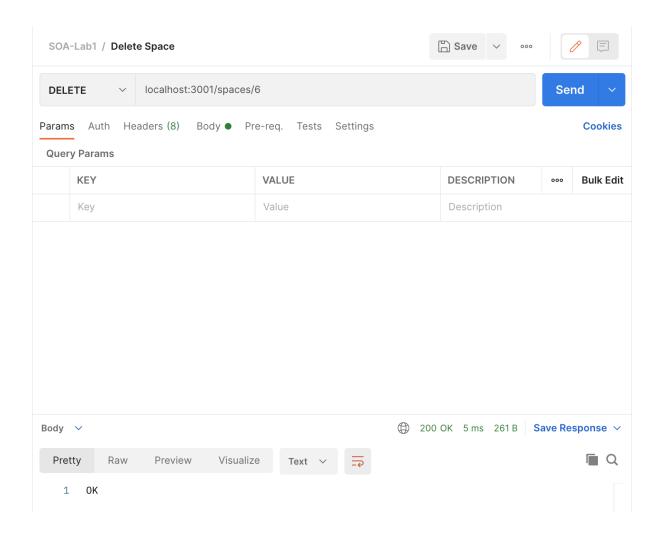
POST /spaces



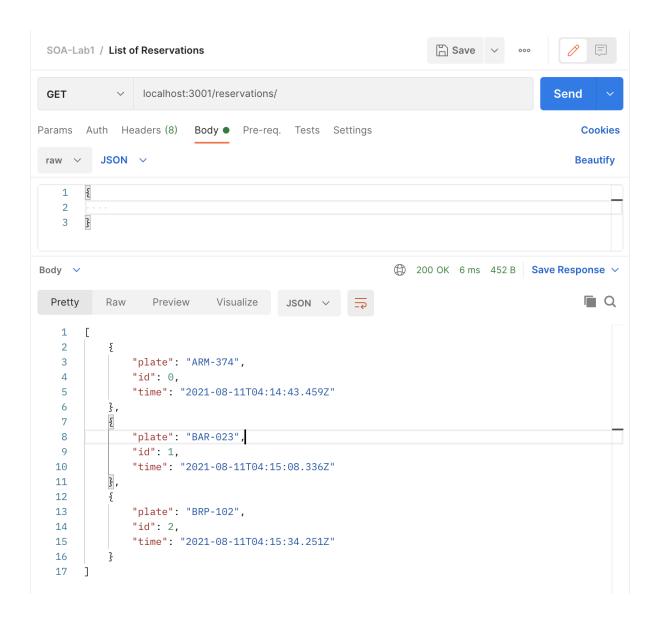
PUT /spaces/{id}



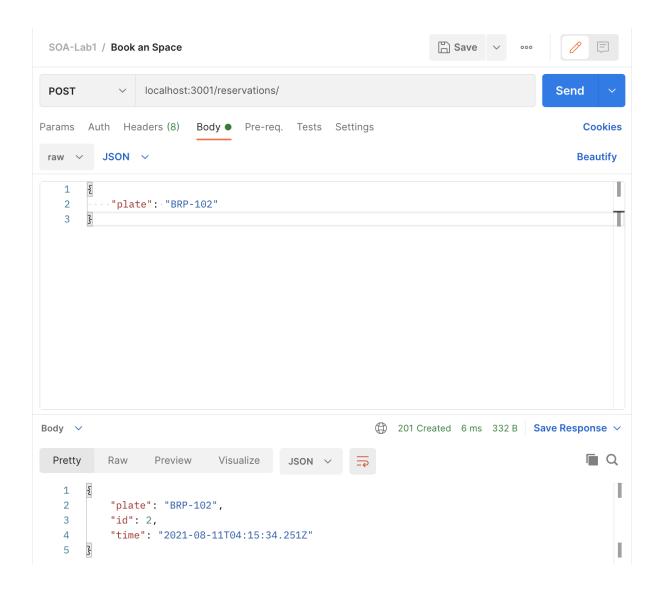
DELETE /spaces/{id}



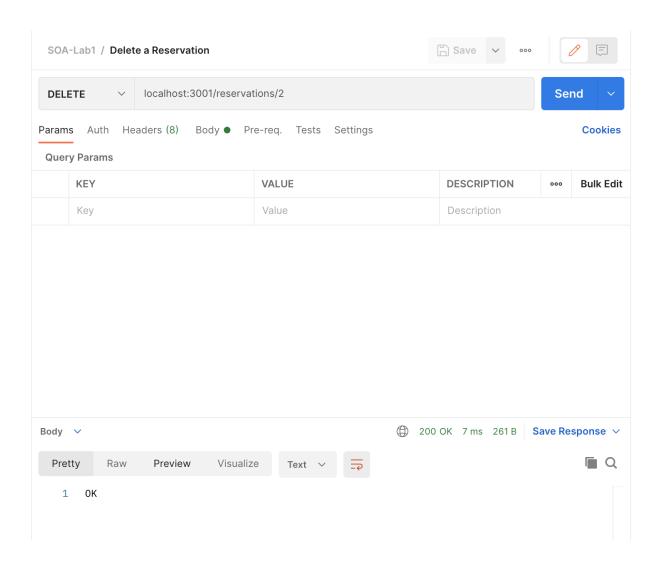
GET /reservations



POST /reservations



DELETE /reservations/{id}



Cliente Web

Se realizó utilizando la biblioteca Vue, así como Axios para el manejo de request.

Danicast's Smart Parking System

Lista de parkeos:

Espacio #0: kaka - Estado: in-use Espacio #1: hola - Estado: in-use Espacio #2: mundo - Estado: in-use Espacio #3: asas - Estado: free

Lista de reservaciones:

Reservación #0: { "plate": "232323", "id": 0, "space_id": 0, "time": "2021-08-11T05:05:21.828Z" } X
Reservación #3: { "plate": "zxzx", "id": 3, "space_id": 2, "time": "2021-08-11T05:10:05.876Z" } X
Reservación #4: { "plate": "asas", "id": 4, "space_id": 1, "time": "2021-08-11T05:10:16.893Z" } X

Nuevo espacio Nueva reservación Actualizar