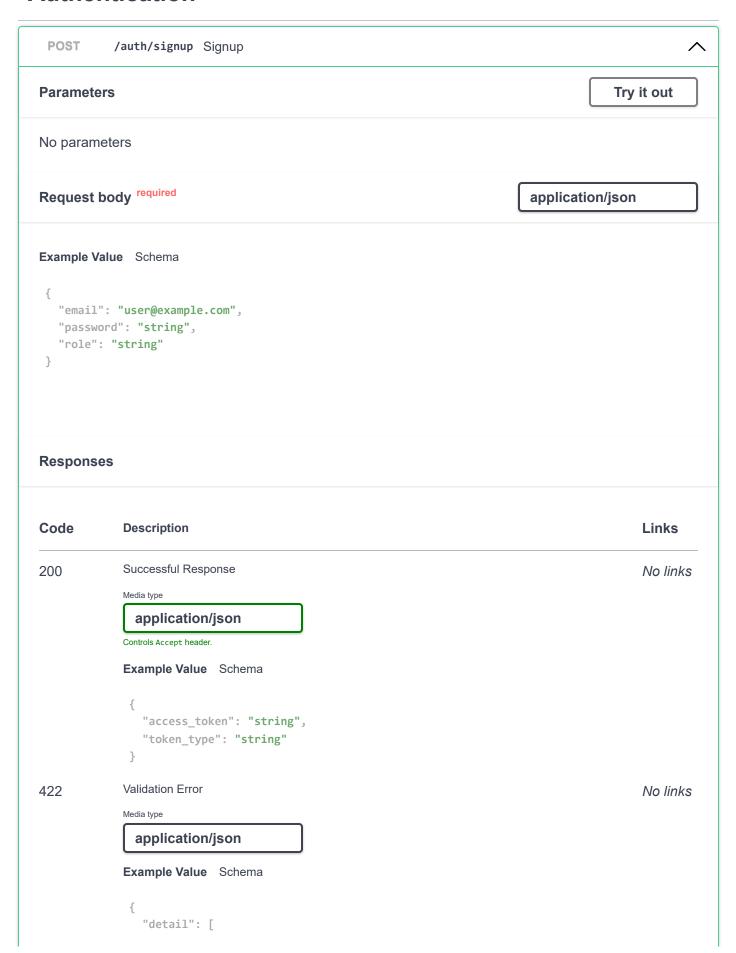
Authentication

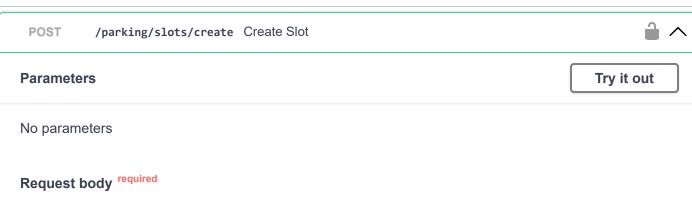


```
Description
Code
                                                                                          Links
                   "loc": [
                    "string",
                   "msg": "string",
                   "type": "string"
             }
 POST
           /auth/login Login
Parameters
                                                                                      Try it out
No parameters
Request body required
                                                        application/x-www-form-urlencoded
  grant_type
   string | (string |
   null)
   username * required
   string
   password * required
   string
   scope
   string
  client_id
   string | (string |
   null)
   client secret
   string | (string |
   null)
```

Responses

Code	Description	Links
200	Successful Response	No link
	Media type	
	application/json	
	Controls Accept header.	
	Example Value Schema	
	<pre>{ "access_token": "string", "token_type": "string" }</pre>	
422	Validation Error	No link
	Media type	
	application/json	
	Example Value Schema	
	<pre>{ "detail": [</pre>	

Parking Slots



application/json

```
{
  "location": "string",
  "slot_number": "string",
  "floor": 0
```

Example Value Schema

Responses

Code Description Links

200 Successful Response

No links

Media type

application/json

Controls Accept header.

Example Value Schema

```
{
  "id": 0,
  "location": "string",
  "slot_number": "string",
  "floor": 0
}
```

422 Validation Error

No links

Media type

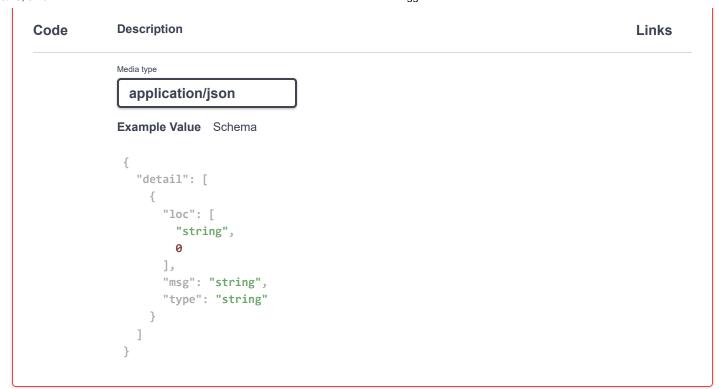
application/json

Example Value Schema

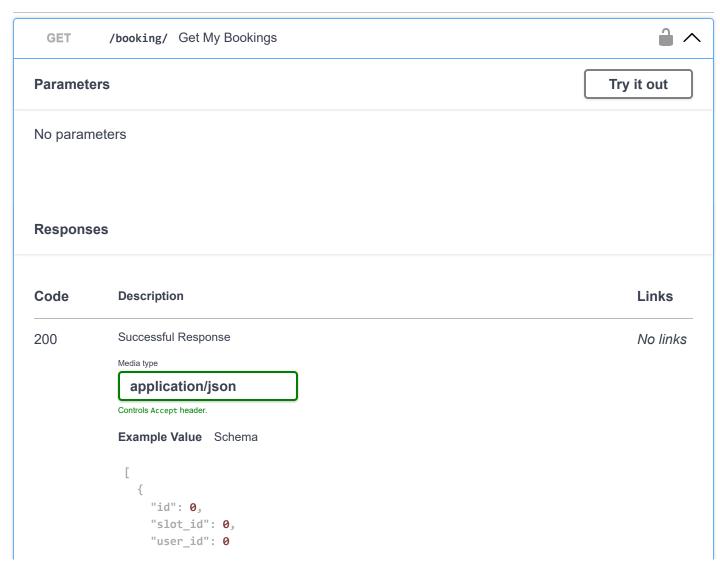
```
GET
            /parking/slots Get Slots
Parameters
                                                                                              Try it out
Name
           Description
floor
             floor
integer |
(integer |
null)
(query)
Responses
             Description
Code
                                                                                                  Links
             Successful Response
200
                                                                                                  No links
             Media type
               application/json
             Controls Accept header.
             Example Value Schema
                  "id": 0,
                  "location": "string",
                  "slot_number": "string",
                   "floor": 0
              ]
             Validation Error
422
                                                                                                  No links
             Media type
               application/json
             Example Value Schema
                 "detail": [
                     "loc": [
                       "string",
```

```
4/29/25, 5:49 PM
                     Description
       Code
                                                                                                         Links
                            ],
                            "msg": "string",
                            "type": "string"
                                                                                                             PUT
                   /parking/{slot_id} Update Slot
                                                                                                     Try it out
       Parameters
                                       Description
       Name
       slot_id * required
                                        slot_id
       integer
       (path)
       in_maintenance * required
       boolean
       (query)
       Responses
                     Description
       Code
                                                                                                         Links
                     Successful Response
                                                                                                         No links
       200
                     Media type
                       application/json
                     Controls Accept header.
                     Example Value Schema
                      "string"
       422
                     Validation Error
                                                                                                         No links
                     Media type
                       application/json
```

```
Description
Code
                                                                                                  Links
             Example Value Schema
                "detail": [
                    "loc": [
                      "string",
                     "msg": "string",
                     "type": "string"
              }
DELETE
            /parking/{slot_id} Delete Slot
Parameters
                                                                                             Try it out
Name
                    Description
slot_id * required
                      slot_id
integer
(path)
Responses
             Description
Code
                                                                                                  Links
             Successful Response
200
                                                                                                  No links
             Media type
               application/json
             Controls Accept header.
             Example Value Schema
              "string"
             Validation Error
422
                                                                                                  No links
```



Booking



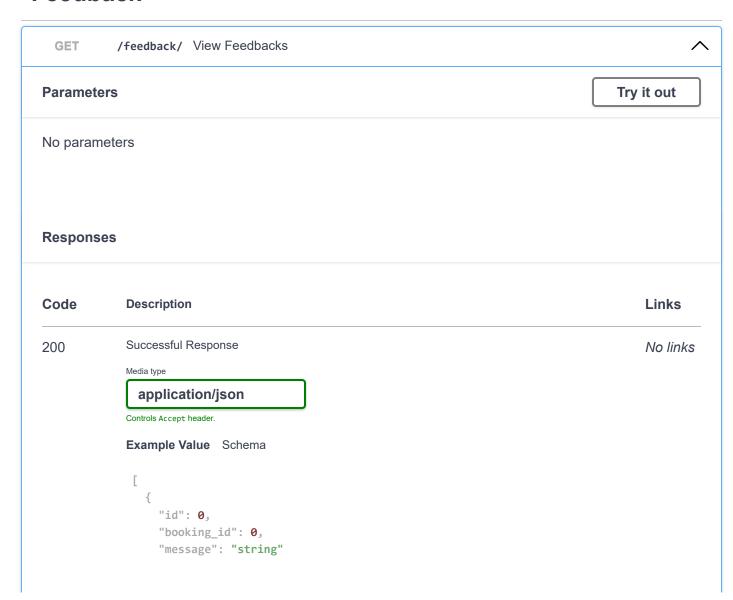
```
Description
Code
                                                                                                Links
              ]
 POST
            /booking/ Book Slot
                                                                                            Try it out
Parameters
No parameters
Request body required
                                                                              application/json
Example Value Schema
   "slot_id": 0
Responses
Code
             Description
                                                                                                Links
             Successful Response
200
                                                                                                No links
             Media type
               application/json
             Controls Accept header.
             Example Value Schema
                "id": 0,
                "slot_id": 0,
                "user_id": 0
             Validation Error
422
                                                                                                No links
             Media type
               application/json
             Example Value Schema
```

4/29/25, 5:49 PM

```
Description
Code
                                                                                                   Links
              {
                 "detail": [
                     "loc": [
                       "string",
                     "msg": "string",
                     "type": "string"
                   }
              }
DELETE
            /booking/{booking_id} Cancel Booking
                                                                                              Try it out
Parameters
                          Description
Name
booking_id * required
                           booking_id
integer
(path)
Responses
Code
             Description
                                                                                                   Links
             Successful Response
200
                                                                                                   No links
             Media type
               application/json
             Controls Accept header.
             Example Value Schema
              "string"
             Validation Error
422
                                                                                                   No links
             Media type
```

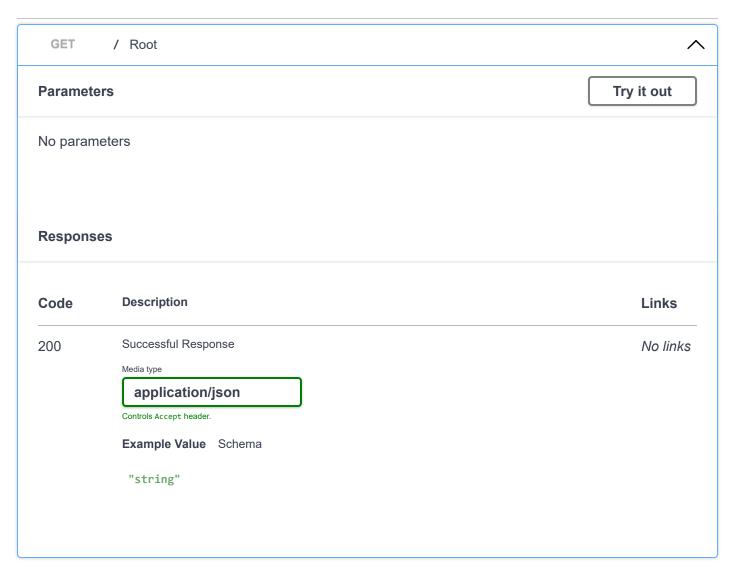


Feedback



```
Description
Code
                                                                                                Links
              ]
 POST
            /feedback/ Submit Feedback
                                                                                            Try it out
Parameters
No parameters
Request body required
                                                                              application/json
Example Value Schema
   "booking_id": 0,
   "message": "string"
Responses
             Description
Code
                                                                                                 Links
             Successful Response
200
                                                                                                No links
             Media type
               application/json
             Controls Accept header.
             Example Value Schema
                "id": 0,
                "booking_id": 0,
                "message": "string"
             Validation Error
                                                                                                No links
422
             Media type
               application/json
             Example Value Schema
```

default



Schemas

```
Body_login_auth_login_post ^ Collapse all object
   grant_type ^ Collapse all (string | null)
      Any of ^ Collapse all (string | null)
         #0 string matches ^password$
         #1 null
   username* string
   password* string
   scope ^ Collapse all string
      Default=""
   client_id ^ Collapse all (string | null)
      Any of ^ Collapse all (string | null)
         #0 string
         #1 null
   client_secret ^ Collapse all (string | null)
      Any of ^ Collapse all (string | null)
         #0 string
         #1 null
BookingCreate ^ Collapse all object
 slot_id* integer
BookingOut ^ Collapse all object
  id* integer
  slot_id* integer
  user_id* integer
FeedbackCreate ^ Collapse all object
   booking_id* integer
  message* string
FeedbackOut ^ Collapse all object
   id* integer
  booking_id* integer
  message* string
```

```
HTTPValidationError ^ Collapse all object
   detail ^ Collapse all array<object>
      Items ^ Collapse all object
         loc* ^ Collapse all array<(string | integer)>
            Items ^ Collapse all (string | integer)
               Any of ^ Collapse all (string | integer)
                  #0 string
                  #1 integer
         msg* string
         type* string
ParkingSlotCreate ^ Collapse all object
   location* string
   slot_number* string
  floor* integer
ParkingSlotOut ^ Collapse all object
   id* integer
  location* string
  slot_number* string
  floor* integer
Token ^ Collapse all object
   access_token* string
  token_type* string
UserCreate ^ Collapse all object
   email* string email
  password* string
  role* string
ValidationError ^ Collapse all object
   loc* ^ Collapse all array<(string | integer)>
      Items ^ Collapse all (string | integer)
         Any of ^ Collapse all (string | integer)
```

```
#0 string
#1 integer

msg* string

type* string
```