

# CURL tests

For every test, the curl test will be on the left, and the response body (json format) will be on the right. The test list represents a sample of test cases covering the full range of available APIs. These tests were performed using Swagger and cover common usage scenarios, user input errors, access control rules, system-level issues (such as expired JWTs or missing resources), as well as business logic constraints (like booking status or admin-only actions).

## Creation of a User :

Valid case :

<pre>curl -X 'POST' \   'http://127.0.0.1:5001/api/v1/users/' \   -H 'accept: application/json' \   -H 'Content-Type: application/json' \   -d '{     "first_name": "Jeanne",     "last_name": "Oscur",     "email": "jeanne.oscur@gmail.com",     "password": "secret_password"   }'</pre>	<pre>{   "id":     "b77720e4-9018-47b8-9c8d-c5aa6cd26446",   "first_name": "Jeanne",   "last_name": "Oscur",   "email": "jeanne.oscur@gmail.com" }</pre>
---	--

Code 201 “User successfully created”. Random UUID generated, and password not passed in the response.

Valid case with extra data :

<pre>curl -X 'POST' \   'http://127.0.0.1:5001/api/v1/users/' \   -H 'accept: application/json' \   -H 'Content-Type: application/json' \   -d '{     "first_name": "Sylvain",     "last_name": "Téhin",     "email": "test@test.com",     "password": "pass",     "extra": "Un petit truc en plus"   }'</pre>	<pre>{   "id":     "72d389f3-c151-42b3-a8bc-ba536d32f34b",   "first_name": "Sylvain",   "last_name": "Téhin",   "email": "test@test.com" }</pre>
--	--

Code 201 “User successfully created”. The extra data is ignored by pydantic.

Invalid case (invalid data):

```
curl -X 'POST' \
'http://127.0.0.1:5001/api/v1/users/' \
-H 'accept: application/json' \
-H 'Content-Type: application/json' \
-d '{
  "first_name": "",
  "last_name": "spaced   name",
  "email": "invalid email",
  "password": "    "
}'

{
  "error": [
    {
      "type": "string_too_short",
      "loc": [
        "first_name"
      ],
      "msg": "String should have at least 1 character",
      "input": "",
      "ctx": {
        "min_length": 1
      },
      "url": "https://errors.pydantic.dev/2.11/v/string_too_short"
    },
    {
      "type": "value_error",
      "loc": [
        "email"
      ],
      "msg": "value is not a valid email address: An email address must have an @-sign.",
      "input": "invalid email",
      "ctx": {
        "reason": "An email address must have an @-sign."
      },
      "url": "https://errors.pydantic.dev/2.11/v/value_error"
    },
    {
      "type": "value_error",
      "loc": [
        "password"
      ],
      "msg": "Value error, Field cannot be empty or just whitespace",
      "input": "    ",
      "ctx": {
        "error": "Field cannot be empty or just whitespace"
      },
      "url": "https://errors.pydantic.dev/2.11/v/value_error"
    }
  ]
}
```

Code 400 - Bad request: "Email already registered or invalid input". Empty first\_name and last\_name and invalid email format was passed.

## Login of a User :

```
curl -X 'POST' \
'http://127.0.0.1:5001/api/v1/users/login' \
-H 'accept: application/json' \
-H 'Content-Type: application/json' \
-d '{
  "email": "JLA@gmail.com",
  "password": "super-secret_pass"
}'
```

```
{
  "access token":
  "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJmcmVzaCI6ZmFsc2UsImhhdCI6MTc1MDI3OTc4NCwianRpIjoieYmY2YjQ0ODktNjU5NC00MTJILWE4NjYtODBkNWZmZmRjNWE5IiwidHlwZSI6ImFjY2VzcyIsInN1YiI6ImU0ZDc5N2M2LTQ5ZmQtNDc5ZS1iYTU1LWFiNzU5YTdhMTQ4NyIsIm5iZiI6MTc1MDI3OTc4NCwiY3NyZiI6IjQwMDUzOTYzLWE2NWYtNDg5Mi1hMjE4LTQzMWNIOTUwYTM5OSIsImV4cCI6MTc1MDI4MDY4NH0.JdIhIUk_9dW_k87nfk31ZGqp5kmqCOL5vBKTY6UFTRM"
}
```

Code 201: "Token created". JSON Web Token (JWT) created for the user for security.

## Token expired:

```
curl -X 'DELETE' \
'http://127.0.0.1:5001/api/v1/places/41403e2a-05f9-41a5-adcd-e29874ef34a2' \
-H 'accept: application/json' \
-H 'Authorization: Bearer
eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJmcmVzaCI6ZmFsc2UsImhhdCI6MTc1MDI4NTU5NSwianRpIjoieYmY2YjQ0ODktNjU5NC00Zjg3LTlkMjktMWMwNDYxZmQyZTI3IiwidHlwZSI6ImFjY2VzcyIsInN1YiI6IjMyYWFhYTM5LTNhMTAtNGFkNC04ZjI4LWFINGE0ODM3ZWQ5ZiIsIm5iZiI6MTc1MDI4NTU5NSwiY3NyZiI6ImQyOTUwZDhmLWY3N2QtNGY5Ni05ZDRjLTVjMWExYWUwNzczZCI6ImV4cCI6MTc1MDI4NjQ5NX0.I91qWwHZ5ih-N0a3Jj1DwXuTkxwjtGFnCpM2mfzPE'
```

```
{
  "msg": "Token has expired"
}
```

Code 401 - Unauthorized : "Invalid credentials". JSON Web Token (JWT) has expired after some time. Current user has to login again. The curl test could have been anything.

## Creation of an Amenity :

Valid case :

<pre>curl -X 'POST' \   'http://127.0.0.1:5001/api/v1/amenities/' \   -H 'accept: application/json' \   -H 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJmcmVzaCI6ZmFsc2UsImhhdCI6MTc1MDI3OTc4NCwianRpIjoIYmY2YjQ0ODktNjU5NC00MTJILWE4NjYtODBkNWZmZmRjNWU5IiwidHlwZSI6ImFjY2VzcyIsInN1YiI6ImU0ZDc5N2M2LTQ5ZmQtNDc5ZS1iYTU1LWFiZU5YTdhMTQ4NyIsIm5iZiI6MTc1MDI3OTc4NCwiY3NyZiI6IjQwMDUzOTYzLWE2NWYtNDg5Mi1hMjE4LTQzMWwNIOTUwYTM5OSIsImV4cCI6MTc1MDI4MDY4NH0uJdIhIUK_9dW_k87nfk31ZGqp5kmqCOL5vBkTY6UFTRM' \   -H 'Content-Type: application/json' \   -d '{     "name": "Piscine",     "description": "Piscine extérieure chauffée"   }'</pre>	<pre>{   "id":   "6cd74d33-fa53-4d33-915b-4585398d4d86" ,   "name": "Piscine",   "description": "Piscine extérieure chauffée" }</pre>
--	---

Code 201 - "Amenity successfully created". Current user is an admin and can create an amenity.

Invalid case (is\_admin = False):

<pre>curl -X 'POST' \   'http://127.0.0.1:5001/api/v1/amenities/' \   -H 'accept: application/json' \   -H 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJmcmVzaCI6ZmFsc2UsImhhdCI6MTc1MDI3ODgxNCwianRpIjoIYmY2YjQ0ODktNjU5NC00MTJILWE4NjYtODBkNWZmZmRjNWU5IiwidHlwZSI6ImFjY2VzcyIsInN1YiI6ImU0ZDc5N2M2LTQ5ZmQtNDc5ZS1iYTU1LWFiZU5YTdhMTQ4NyIsIm5iZiI6MTc1MDI3ODgxNCwiY3NyZiI6IjlkMmU2OWRILTfkNWYtNGQwMC1hN2FiLWE2NWl0MDQ5NzA0MiIsImV4cCI6MTc1MDI3OTcxNH0u0KqUiQDy08GYSUYwzQUe55yv1PxBSWQwUoMWzY_bVPQ' \   -H 'Content-Type: application/json' \   -d '{     "name": "Piscine",     "description": "Piscine extérieure chauffée"   }'</pre>	<pre>{   "error": "Admin privileges required" }</pre>
---	---

Code 403 - Forbidden : "Admin privileges required". Actual user is not admin and can't create an Amenity.

## Creation of a Place :

Valid case :

<pre>curl -X 'POST' \   'http://127.0.0.1:5001/api/v1/places/' \   -H 'accept: application/json' \   -H 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJm cmVzaCI6ZmFsc2UsImhhdCI6MTc1MDI3OTc4 NCwianRpIjoIYmY2YjQ0ODktNjU5NC00MTJIL WE4NjYtODBkNWZmZmRjNWU5IiwidHlwZSI6 ImFjY2VzcyIsInN1YiI6ImU0ZDc5N2M2LTQ5Z mQtNDc5ZS1iYTU1LWFiZU5YTdhMTQ4NyIsI m5iZiI6MTc1MDI3OTc4NCwiY3NyZiI6IjQwMD UzOTYzLWE2NWYtNDg5Mi1hMjE4LTQzMWNIO TUwYTM5OSIsImV4cCI6MTc1MDI4MDY4NH0. JdIhIUk_9dW_k87nfk31ZGqp5kmqCOL5vBKT Y6UFTRM' \   -H 'Content-Type: application/json' \   -d '{     "title": "Château hanté",     "description": "Venez vivre une aventure authentique le temps de quelques nuits.",     "price": 88.66785,     "latitude": 45.165464,     "longitude": -147.034385,     "amenity_ids": ["6cd74d33-fa53-4d33-915b-4585398d4d86 ", "d6e51a19-23a6-43f9-83bd-b8a7659dabd4"]   }'</pre>	<pre>{   "id": "2d531ccd-062e-4f32-8404-eb2a36e503c8",   "title": "Château hanté",   "description": "Venez vivre une aventure authentique le temps de quelques nuits.",   "price": 88.67,   "latitude": 45.165464,   "longitude": -147.034385,   "owner_id": "e4d797c6-49fd-479e-ba55-ab759a7a1487",   "amenities": [     {       "id": "6cd74d33-fa53-4d33-915b-4585398d4d86",       "name": "Piscine",       "description": "Piscine extérieure chauffée"     },     {       "id": "d6e51a19-23a6-43f9-83bd-b8a7659dabd4",       "name": "Fantôme",       "description": "Ancien habitant des lieux"     }   ] }</pre>
--	--

Code 201 - "Place successfully created".

Invalid case (user not logged) :

<pre>curl -X 'POST' \   'http://127.0.0.1:5001/api/v1/places/' \   -H 'accept: application/json' \   -H 'Content-Type: application/json' \   -d '{     "title": "Maison",     "description": "Au bord de l\'eau",     "price": 576,     "latitude": -45,     "longitude": 154   }'</pre>	<pre>{   "msg": "Missing Authorization Header" }</pre>
--	--

Code 401 - Unauthorized : "Unauthorized". A not logged user can't create a place.

Invalid case (invalid data):

```
curl -X 'POST' \
'http://127.0.0.1:5001/api/v1/places/' \
-H 'accept: application/json' \
-H 'Authorization: Bearer
eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJm
cmVzaCI6ZmFsc2UsImhhdCI6MTc1MDI3OTc4
NCwianRpIjoiYmY2YjQ0ODktNjU5NC00MTJIL
WE4NjYtODB
kNWZmZmRjNWE5IiwidHlwZSI6ImFjY2VzcyI
sInN1YiI6ImU0ZDc5N2M2LTQ5ZmQtNDc5ZS
1iYTU1LWFiNzU5YTdhMTQ4NyIsIm5iZiI6MTc1
MDI3OTc4NCwiY3NyZiI6IjQwMDUzOTYzLWE2
NWYtNDg5Mi1hMjE4LTQzMWNIOTUwYTM5OS
IsImV4cCI6MTc1MDI4MDY4NH0.JdIhIUk_9d
W_k87nfk31ZGqp5kmqCOL5vBKTY6UFTRM' \
-H 'Content-Type: application/json' \
-d '{
  "title": "Château hanté",
  "description": "Venez vivre une aventure
authentique le temps de quelques nuits.",
  "price": 88.66785,
  "latitude": 45.165464,
  "longitude": -147.034385,
  "amenity_ids":
["6cd74d33-fa53-4d33-915b-4585398d4d86
",
"d6e51a19-23a6-43f9-83bd-b8a7659dabd4"]
}'
```

```
{ "error": [
  {
    "type": "string_too_short",
    "loc": [
      "title"
    ],
    "msg": "String should have at least 1 character",
    "input": "",
    "ctx": {
      "min_length": 1
    },
    "url":
    "https://errors.pydantic.dev/2.11/v/string_too_short"
  },
  {
    "type": "string_too_short",
    "loc": [
      "description"
    ],
    "msg": "String should have at least 1 character",
    "input": "",
    "ctx": {
      "min_length": 1
    },
    "url":
    "https://errors.pydantic.dev/2.11/v/string_too_short"
  },
  {
    "type": "greater_than_equal",
    "loc": [
      "price"
    ],
    "msg": "Input should be greater than or equal to
0",
    "input": -88.66785,
    "ctx": {
      "ge": 0
    },
    "url":
    "https://errors.pydantic.dev/2.11/v/greater_than_eq
ual"
  },
  {
    "type": "less_than_equal",
    "loc": [
      "latitude"
    ],
    "msg": "Input should be less than or equal to
90",
    "input": 145.165464,
```

	<pre> "ctx": {   "le": 90 }, "url": "https://errors.pydantic.dev/2.11/v/less_than_equal" }, {   "type": "greater_than_equal",   "loc": [     "longitude"   ],   "msg": "Input should be greater than or equal to -180",   "input": -187.034385,   "ctx": {     "ge": -180   },   "url": "https://errors.pydantic.dev/2.11/v/greater_than_eq ual" } ] } </pre>
--	---

Code 400 - Bad request : "Invalid input". The errors are : Empty string for 'title' and 'description'. Negative 'price', out of bounds 'latitude' and 'longitude'.

## Update of a Booking :

Valid case:

<pre> curl -X 'PUT' \ http://127.0.0.1:5001/api/v1/places/973731f2-b481-4b5a-8f6c-cedd2851726b' \ -H 'accept: application/json' \ -H 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJmcmVzaCI6ZmFsc2UsImhhdCI6MTc1MDI4ODI4MCwianRpIjojOTkzYzY4MjctYTY1Yy00NDZkLThtNTMtZTFmZDc2Y2ZiMjBiIiwidHlwZSI6ImFjY2VzcyIsInN1YiI6IjI2NGUxMmJhLTE0NmYtNGY4Yy1iOWJILTJmZDc2Y2ZiMjBiIiwiaWF0IjoiMTc1MDI4ODI4MCwib3R5Y2I6IjNjZWVwNmFhLTE3MDMtNDIxZC1iMThiLTdiMjY5NzhjZjRhZSIsImV4cCI6MTc1MDI4OTE4MH0.mzTik9yivG63_Bxko6MzsYuZrSFLdUpl0yD26HIkcX4' \ -H 'Content-Type: application/json' \ -d '{   "title": "Maison",   "description": "vachement mieux",   "price": 48,   "latitude": 45,   "longitude": 2 } </pre>	<pre> {   "id": "973731f2-b481-4b5a-8f6c-cedd2851726b",   "title": "Maison",   "description": "vachement mieux",   "price": 48,   "latitude": 45,   "longitude": 2,   "owner_id": "264e12ba-146f-4f8c-b9be-3c3a94a68fd0",   "amenities": [] } </pre>
---	--

```
}'
```

Code 200 - "Place successfully updated".

Invalid case (Wrong status) :

```
curl -X 'PUT' \
'http://127.0.0.1:5001/api/v1/bookings/e2ac4a35-ca8f-4a3d-81ce-8caaf3f9444b' \
-H 'accept: application/json' \
-H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJmcmVzaCI6ZmFsc2UsImhhdCI6MTc1MDMzMjEyOSwianRpIjoiMGI5MmQ0ZGEtNjdhOS00NTRILWUwYTUuZjYyZmY0NDYxMDQyIiwidHlwZSI6ImFjY2VzcyIsInN1YiI6IjVjMWQ0ODFkLWFiNjgtNDBmYi1hODI0LWUzNWNhOWQyODA1OStIsIm5iZiI6MTc1MDMzMjEyOSwiY3NyZiI6IjI1NmYwZTEwLTgzODctNGYyYS1iZWJmLWRkMjBmMGE4ODRiOCIsImV4cCI6MTc1MDMzMzAyOX0.5qZlmaQHnswqWYk0Fn9UJg5Ytc45EljHxGGj95iI90s' \
-H 'Content-Type: application/json' \
-d '{
  "status": "WTF"
}'
```

```
{
  "error": "Status must be DONE, PENDING, or CANCELED"
}
```

Code 400 - Bad request : "Invalid input".

## Creation of a Booking :

Valid case :

```
curl -X 'POST' \
'http://127.0.0.1:5001/api/v1/bookings/' \
-H 'accept: application/json' \
-H 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJmcmVzaCI6ZmFsc2UsImhhdCI6MTc1MDI4MTk4OCwianRpIjoiOTQzYTk5MzQtMGM4MC00MjkwLTg0YTAuZmYyZmY0NDYxMDQyIiwidHlwZSI6ImFjY2VzcyIsInN1YiI6ImZiYTU4MzM2LWZmNmUtNGNjOS05Y2FiLTdIMzE3NDRIMzNmOSIsIm5iZiI6MTc1MDI4MTk4OCwiY3NyZiI6IjA4NTRkM2E0LTJiNWItNGVhbnR5cCI6IjI1NmYwZTEwLTgzODctNGYyYS1iZWJmLWRkMjBmMGE4ODRiOCIsImV4cCI6MTc1MDI4Mjg4OH0.CH E5EyyZPd4WwGeocRXa29dXcdv4YdKaLprLcTpPIOY' \
-H 'Content-Type: application/json' \
-d '{
```

```
{
  "id": "b684582a-d54a-41b8-80d4-db9f6c82c7e2",
  "status": "PENDING",
  "place": "72f50dad-53ce-4598-bfeb-d70aec205367",
  "user": "fba58336-ff6e-4cc9-9cab-7e31744e33f9",
  "start_date": "2025-06-25T21:31:08.497000Z",
  "end_date": "2025-06-28T21:31:08.497000Z",
  "created_at": "2025-06-18T23:35:35.490312",
  "updated_at": null
}
```



```
"place_id":
"72f50dad-53ce-4598-bfeb-d70aec205367",
"start_date":
"2025-06-25T21:31:08.497Z",
"end_date": "2025-06-28T21:31:08.497Z"
}'
```

Code 201 - "Booking successfully created". A "PENDING" status is automatically created.

Invalid case (end date is before start date):

```
curl -X 'POST' \
'http://127.0.0.1:5001/api/v1/bookings/' \
-H 'accept: application/json' \
-H 'Authorization: Bearer
eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJm
cmVzaCI6ZmFsc2UsImhhdCI6MTc1MDMxNTA
1OCwianRpIjoIY2E3NzBmMDktYjNIYS00NjJl
WExOTgtZjk0MjQ4NGYzNjU3IiwidHlwZSI6Im
FjY2VzcyIsInN1YiI6Ijc1MjlnN2MwLTA2ZDAt
NjJmMC05YzUxLTVMMDMyZTQ2MjQxOCIsIm5i
ZiI6MTc1MDMxNTA1OCwiY3NyZiI6ImVmZW
NjYzZGxLWEyM2QtdiYy1iNjUxLTJhZGMzZTVj
NGRmYiIsImV4cCI6MTc1MDMxNTk1OH0.xHM
ZzykZadSyb8lxVDj79I29XpYl-qwnwOHBKbntv
Ls' \
-H 'Content-Type: application/json' \
-d '{
  "place_id":
  "bfd01e64-2968-4aa9-9760-8f69beb8c228",
  "start_date":
  "2025-06-25T06:38:14.494Z",
  "end_date": "2025-06-20T06:38:14.494Z"
}'
```

```
{
  "errors": [
    {
      "type": "value_error",
      "loc": [],
      "msg": "Value error, Start date must be before
end date",
      "input": {
        "place_id":
        "bfd01e64-2968-4aa9-9760-8f69beb8c228",
        "start_date": "2025-06-25T06:38:14.494Z",
        "end_date": "2025-06-20T06:38:14.494Z"
      },
      "ctx": {
        "error": "Start date must be before end date"
      },
      "url":
      "https://errors.pydantic.dev/2.11/v/value_error"
    }
  ]
}
```

Code 400 - Bad request : "Invalid input data". The start date is set after the end date.

Invalid case (already booked):

```
curl -X 'POST' \
'http://127.0.0.1:5001/api/v1/bookings/' \
-H 'accept: application/json' \
-H 'Authorization: Bearer
eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJm
cmVzaCI6ZmFsc2UsImhhdCI6MTc1MDI4ODI4
MCwianRpIjoIOTkzYzY4MjctYTY1Yy00NDFlLT
hINTMtZTFmZDc2Y2ZiMjBiIiwidHlwZSI6ImFj
Y2VzcyIsInN1YiI6IjI2NGUxMmJhLTE0NmYtNG
Y4Yy1iOWJILTjM2E5NGE2OGZkMCI6Im5iZiI6
MTc1MDI4ODI4MCwiY3NyZiI6IjNjZWwNmF
ILTE3MDMtNDA1ZC1iMThtLTdiMjY5NzhjZjRh
ZSI6ImV4cCI6MTc1MDI4OTE4MH0.mzTik9yivG
```

```
{
  "error": "Already booked"
}
```

```
63_Bxko6MzsYuZrSFLdUpl0yD26HIkcX4' \
-H 'Content-Type: application/json' \
-d '{
  "place_id":
"973731f2-b481-4b5a-8f6c-ceedd2851726b",
  "start_date":
"2025-06-21T22:27:07.313Z",
  "end_date": "2025-06-25T22:27:07.313Z"
}'
```

Code 400 - Bad request : “Invalid input data”. The input dates are already partially reserved with another booking.

## Creation of a Review :

Invalid case (current user did not visit the place yet):

```
curl -X 'POST' \
'http://127.0.0.1:5001/api/v1/reviews/' \
-H 'accept: application/json' \
-H 'Authorization: Bearer
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJmcmVzaCI6ZmFsc2UsImIhdCI6MTc1MDMyNjQ4OCwianRpIjojN2U2Y2I2OTktMTIIMy00MTU0LWE5MDYtNmY2NDk2NDJmMWE5IiwidHlwZSI6ImFjY2VzcyIsInN1YiI6IjM4ZmFiY2Q0LWMyNzktNGM2YS1iMzRjLWMyNjYxNzgyYzdkNyIsIm5iZiI6MTc1MDMyNjQ4OCwiY3NyZiI6IjM3ODczN2I2LTk4MTgtNGQ1Yy04ZDdkLWMyNjY2Y1YTM5ZTE3NCIsImV4cCI6MTc1MDMyNzQ4OH0.ycK0zK1C3BYsF7TcBxSaGU2UYLVzGZj-s8G8fA2HzA4' \
-H 'Content-Type: application/json' \
-d '{
  "booking":
"6e8c7450-94af-45d1-b879-c4a9112b2c85",
  "comment": "Je n\'y suis pas all ",
  "rating": 1
}'
```

```
{
  "error": "Booking not completed"
}
```

Code 403 - Forbidden : “User must visit the place to post a review”.

### Invalid case (invalid UUID):

```
curl -X 'POST' \
  'http://127.0.0.1:5001/api/v1/reviews/' \
  -H 'accept: application/json' \
  -H 'Authorization: Bearer
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJmcmVzaCI6ZmFsc2UsImIhdCI6MTc1MDMyNjQ4OCwianRpIjojN2U2Y2I2OTktMTIIMy00MTU0LWE5MDYtNmY2NDk2NDJmMWE5IiwidHlwZSI6ImFjY2VzcyIsInN1YiI6IjM4ZmFiY2Q0LWMyNzktNGM2YS1iMzRjLWMyNjYxNzgyYzdkNyIsIm5iZiI6MTc1MDMyNjQ4OCwiY3NyZiI6IjM3ODczN2I2LTk4MTgtNGQ1Yy04ZDdkLWMyNjY2Y1YTM5ZTE3NCIsImV4cCI6MTc1MDMyNzQ4OH0.ycK0zK1C3BYsF7TcBxSaGU2UYLVzGZj-s8G8fA2HzA4' \
  -H 'Content-Type: application/json' \
  -d '{
    "booking":
"0adb3036-b839-4a08-a61d-558f99321b7v",
    "comment": "C\"'était bien!",
    "rating": 4
  }'
```

```
{
  "error": "Invalid booking UUID format"
}
```

Code 400 - Bad request : “Invalid input data”.

### Valid case :

```
curl -X 'POST' \
  'http://127.0.0.1:5001/api/v1/reviews/' \
  -H 'accept: application/json' \
  -H 'Authorization: Bearer
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJmcmVzaCI6ZmFsc2UsImIhdCI6MTc1MDMyNjQ4OCwianRpIjojN2U2Y2I2OTktMTIIMy00MTU0LWE5MDYtNmY2NDk2NDJmMWE5IiwidHlwZSI6ImFjY2VzcyIsInN1YiI6IjM4ZmFiY2Q0LWMyNzktNGM2YS1iMzRjLWMyNjYxNzgyYzdkNyIsIm5iZiI6MTc1MDMyNjQ4OCwiY3NyZiI6IjM3ODczN2I2LTk4MTgtNGQ1Yy04ZDdkLWMyNjY2Y1YTM5ZTE3NCIsImV4cCI6MTc1MDMyNzQ4OH0.ycK0zK1C3BYsF7TcBxSaGU2UYLVzGZj-s8G8fA2HzA4' \
  -H 'Content-Type: application/json' \
  -d '{
    "booking":
"0adb3036-b839-4a08-a61d-558f99321b7b",
    "comment": "C\"'était bien!",
    "rating": 4
  }'
```

```
{
  "id": "d2910232-1af3-40f0-a481-009d3b465cd8",
  "comment": "C''était bien!",
  "rating": 4
}
```

Code 201 : "Review successfully created". The current user have to visit a place first (booking "DONE").

### Deletion of a Review :

Valid case :

```
curl -X 'DELETE' \
'http://127.0.0.1:5001/api/v1/places/41403e2a-05f9-41a5-adcd-e29874ef34a2' \
-H 'accept: application/json' \
-H 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJmcmVzaCI6ZmFsc2UsImhhdCI6MTc1MDI4NzAwNCwianRpIjojODE3MTU3M2MtOTM2Ny00ZDNiLWlEYnNmYtZWU4NjdHbMmM2NDRmIiwidHIwZSI6ImFjY2VzcyIsInN1YiI6IjMyYWZhYTUyLTNhMTAtNGFkNC04ZjI4LWFINGE0ODM3ZWQ5ZSIsIm5iZiI6MTc1MDI4NzAwNCwiY3NyZiI6ImNkMDM1YTM2LTdiYzUtNGRiZi05NzQ0LTEyOTgzYTRiMWFiNiIsImV4cCI6MTc1MDI4NzkxNH0.D2HCH1wHNb4KFYdJg3r5Pftd-NgkLvHwPvbSeWyNxIc'
```

Code 200 : "Place successfully deleted".

Valid case :

Code 404 - Not found : "Place not found". The targeted place doesn't exist.

To conclude, these tests ensure that the API enforces validation rules, access permissions, and business logic constraints, while providing clear and meaningful error messages—guaranteeing robustness and security on the server side.