API Documentation: Booking API

# Base URL

{{test\_url}}/booking

# 1. Get Booking ID

## Method:

GET

## Endpoint:

/booking

## Test Assertions:

• Verify status code is 200.

## Description:

This endpoint retrieves a list of bookings.

# 2. Create Booking

## Method:

POST

## Endpoint:

/booking

## Request Body:

{  
 "firstname": "{{fname}}",  
 "lastname": "{{lname}}",  
 "totalprice": {{totalprice}},  
 "depositpaid": true,  
 "bookingdates": {  
 "checkin": "{{checkin}}",  
 "checkout": "{{checkout}}"  
 },  
 "additionalneeds": "{{additionalneeds}}"  
}

## Test Assertions:

• Verify status code is 200.

• Verify `firstname` and `lastname` match the expected values.

• Verify that the `totalprice` and booking dates match the expected values.

## Description:

This endpoint creates a new booking with details like `firstname`, `lastname`, `totalprice`, and booking dates.

# 3. Get Booking Details

## Method:

GET

## Endpoint:

/booking/{{b\_id}}

## Test Assertions:

• Verify status code is 200.

• Verify response body is valid JSON.

• Check that the `totalprice`, `firstname`, `lastname`, and booking dates match the expected values.

• Response time should be less than 500ms.

## Description:

This endpoint retrieves details for a specific booking by ID.

# 4. Token Generator

## Method:

POST

## Endpoint:

/auth

## Request Body:

{  
 "username": "admin",  
 "password": "password123"  
}

## Test Assertions:

• Set the `b\_token` environment variable with the token returned in the response.

## Description:

This endpoint generates a token that can be used for authentication when performing further actions (e.g., updating booking).

# 5. Update Booking Details

## Method:

PUT

## Endpoint:

/booking/{{b\_id}}

## Request Body:

{  
 "firstname": "Aisha",  
 "lastname": "ERaz",  
 "totalprice": 111,  
 "depositpaid": true,  
 "bookingdates": {  
 "checkin": "2019-01-01",  
 "checkout": "2024-01-01"  
 },  
 "additionalneeds": "Postman Knowledge"  
}

## Test Assertions:

• Verify status code is 200.

## Description:

This endpoint updates an existing booking's details, such as the `firstname`, `lastname`, `totalprice`, and additional needs.

# 6. Partial Update

## Method:

PATCH

## Endpoint:

/booking/{{b\_id}}

## Request Body:

{  
 "firstname": "Night",  
 "lastname": "Fury"  
}

## Test Assertions:

• Verify status code is 200.

## Description:

This endpoint partially updates the booking details. You can modify specific fields like `firstname` or `lastname`.

# 7. Delete Booking

## Method:

DELETE

## Endpoint:

/booking/{{b\_id}}

## Test Assertions:

• Verify status code is 201 (for successful deletion).

## Description:

This endpoint deletes a booking.

# 8. Curl Command

## Method:

POST

## Endpoint:

/booking

## Test Assertions:

• Ensure proper booking creation by checking the response.

## Description:

This endpoint is a cURL-generated example of creating a booking.

# Negative Test

## Get Booking Details Invalid ID

### Method:

GET

### Endpoint:

/booking/7878

### Test Assertions:

• Verify status code is 404 (Not Found).

### Description:

This endpoint attempts to fetch a booking using an invalid ID.