API Testing using Postman (Sceenshots)

Project Name: Booking API Practice

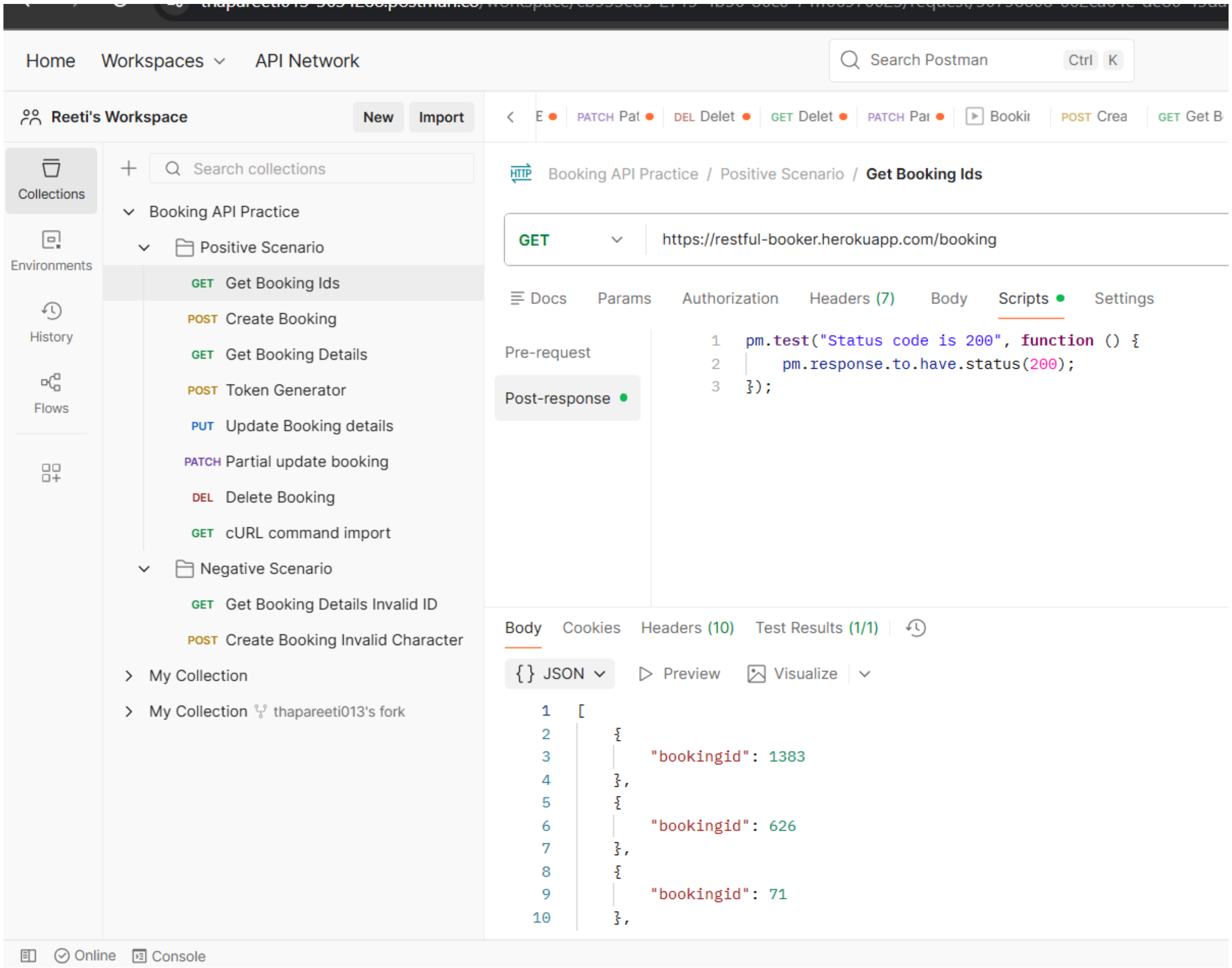
Prepared By: Reeti Thapa

Tools used: Postman

Description:

This document contains screenshots of API testing performed using Postman. The APIs were tested using GET, POST, PATCH, and DELETE methods, including positive and negative scenarios.

1. Get Booking IDs

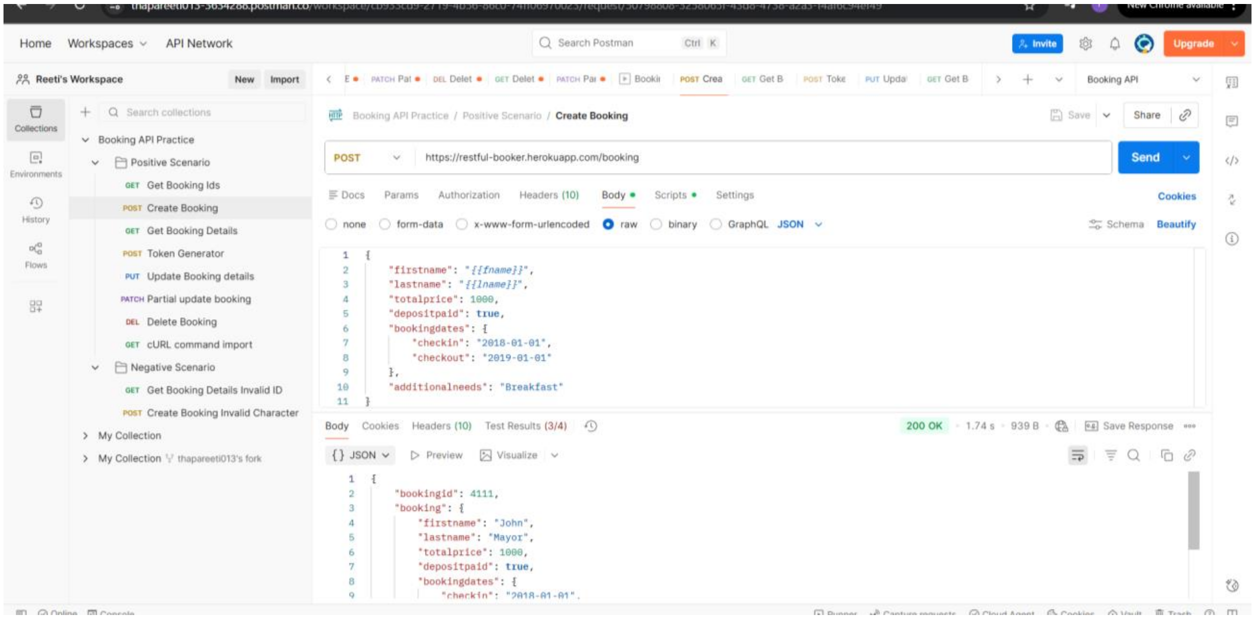


GET https://restful-booker.herokuapp.com/booking

```
pm.test("Status code is 200", function () {
    pm.response.to.have.status(200);
});
```

```
[
    {
        "bookingid": 1383
    },
    {
        "bookingid": 626
    },
    {
        "bookingid": 71
    },
```

2. Create Booking



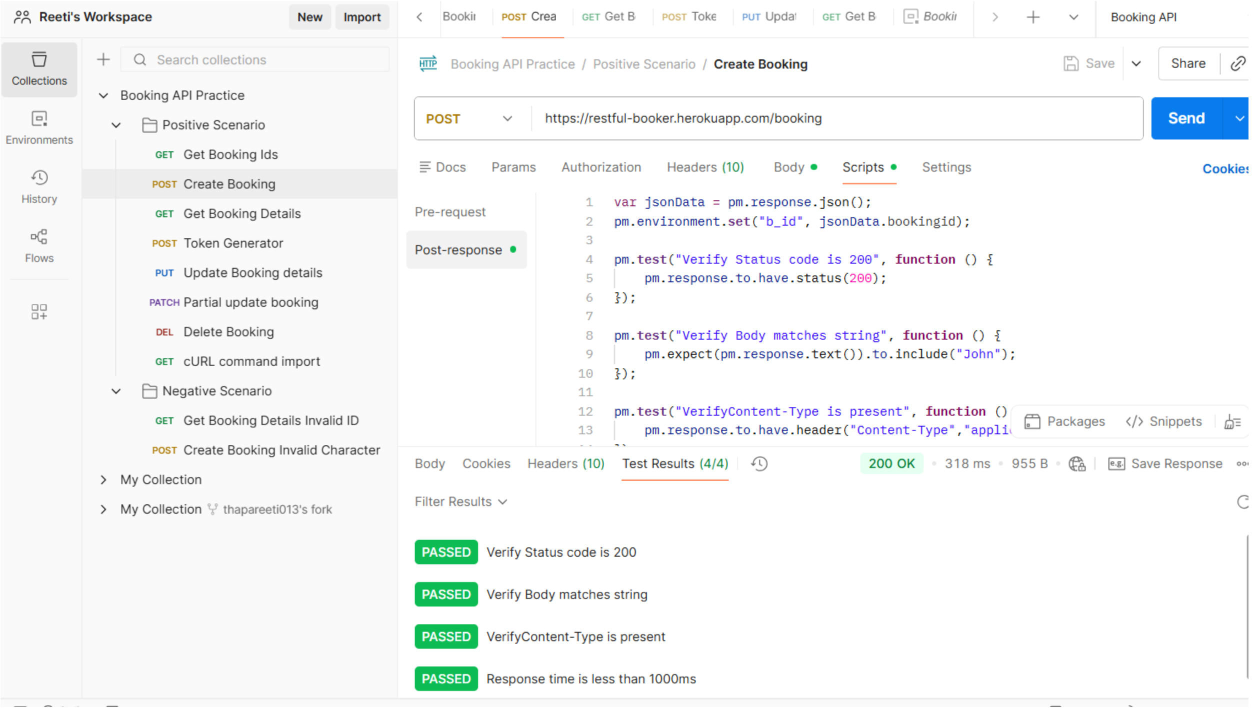
POST https://restful-booker.herokuapp.com/booking

Body: ○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

```
{
    "firstname": "{{fname}}",
    "lastname": "{{lname}}",
    "totalprice": 1000,
    "depositpaid": true,
    "bookingdates": {
        "checkin": "2018-01-01",
        "checkout": "2019-01-01"
    },
    "additionalneeds": "Breakfast"
}
```

Body Cookies Headers (10) Test Results (3/4) 200 OK · 1.74 s · 939 B

```
{
    "bookingid": 4111,
    "booking": {
        "firstname": "John",
        "lastname": "Mayor",
        "totalprice": 1000,
        "depositpaid": true,
        "bookingdates": {
            "checkin": "2018-01-01",
```



POST https://restful-booker.herokuapp.com/booking

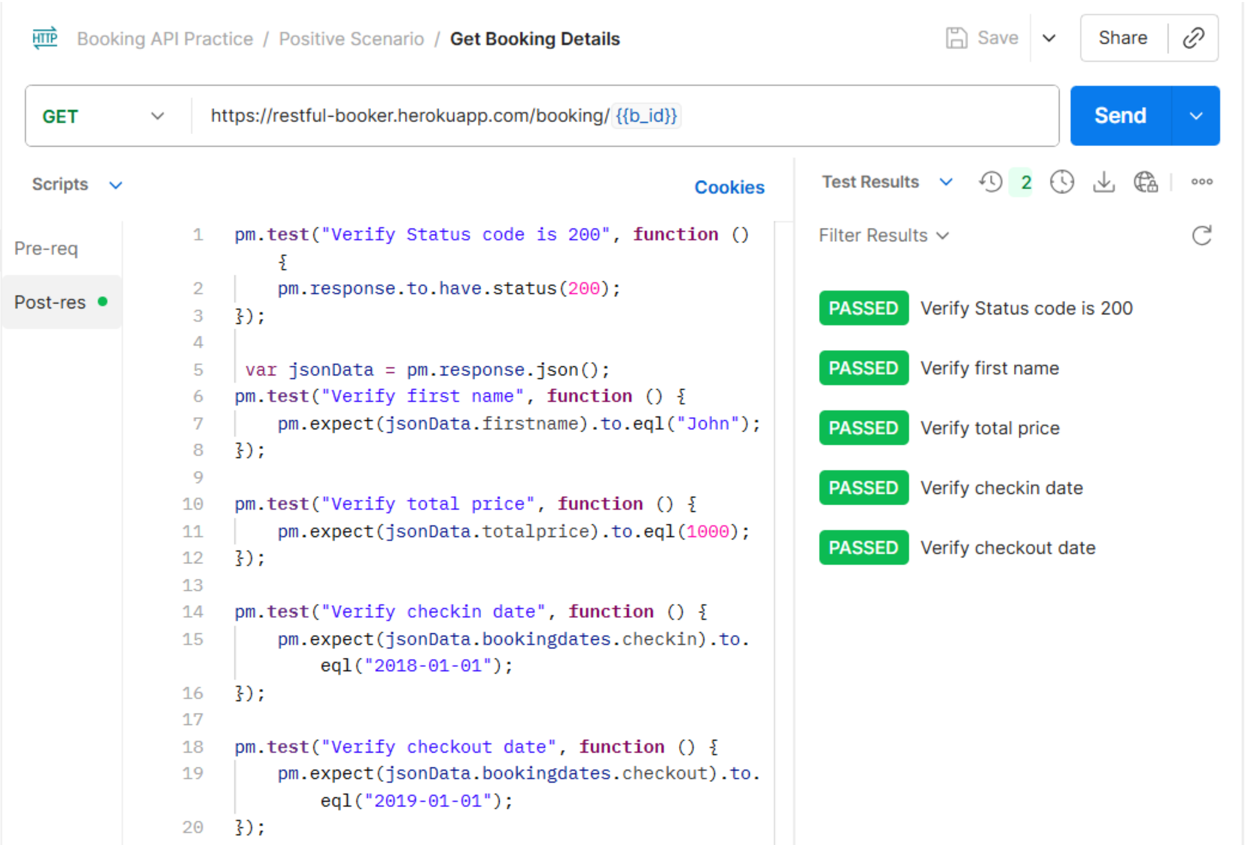
Scripts – Post-response

```
var jsonData = pm.response.json();
pm.environment.set("b_id", jsonData.bookingid);

pm.test("Verify Status code is 200", function () {
    pm.response.to.have.status(200);
});

pm.test("Verify Body matches string", function () {
    pm.expect(pm.response.text()).to.include("John");
});

pm.test("VerifyContent-Type is present", function ()
    pm.response.to.have.header("Content-Type","appli
```

Body Cookies Headers (10) Test Results (4/4) 200 OK · 318 ms · 955 B

```
PASSED Verify Status code is 200
PASSED Verify Body matches string
PASSED VerifyContent-Type is present
PASSED Response time is less than 1000ms
```

3. Get Booking Details



GET https://restful-booker.herokuapp.com/booking/{{b_id}}

Send

```
pm.test("Verify Status code is 200", function () {
    pm.response.to.have.status(200);
});

 var jsonData = pm.response.json();
pm.test("Verify first name", function () {
    pm.expect(jsonData.firstname).to.eql("John");
});

pm.test("Verify total price", function () {
    pm.expect(jsonData.totalprice).to.eql(1000);
});

pm.test("Verify checkin date", function () {
    pm.expect(jsonData.bookingdates.checkin).to.eql("2018-01-01");
});

pm.test("Verify checkout date", function () {
    pm.expect(jsonData.bookingdates.checkout).to.eql("2019-01-01");
});
```

PASSED Verify Status code is 200

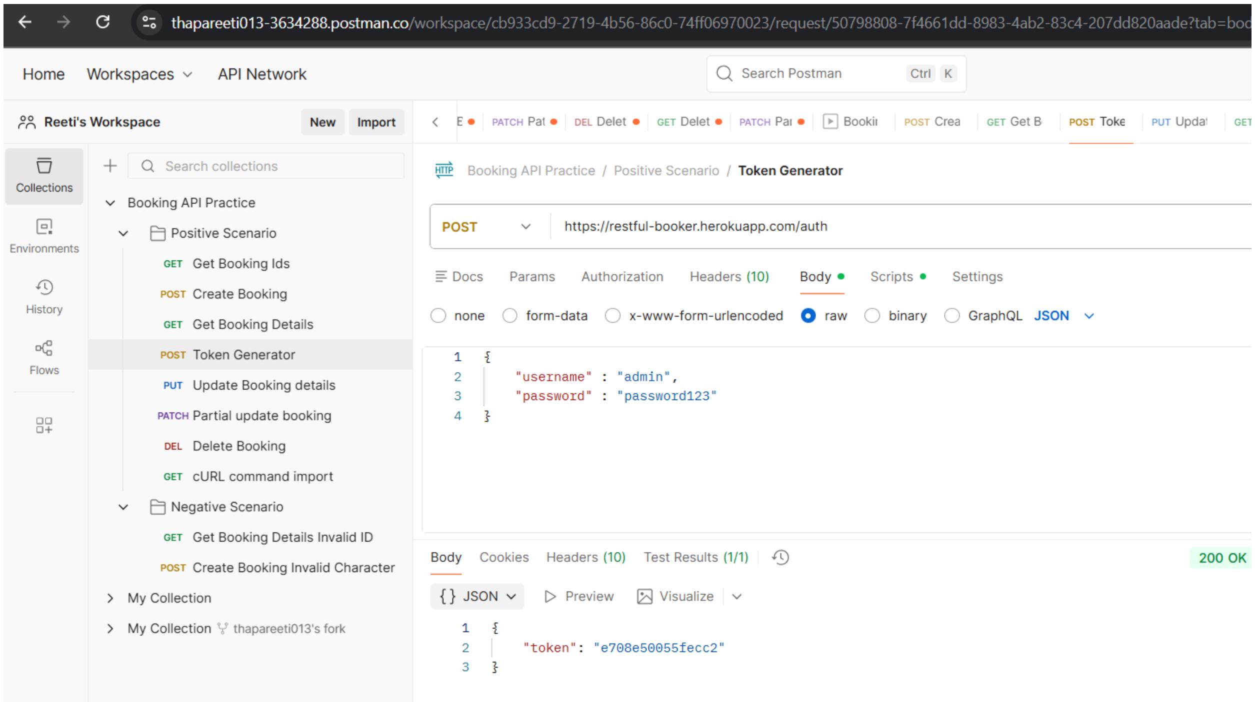
PASSED Verify first name

PASSED Verify total price

PASSED Verify checkin date

PASSED Verify checkout date

4. Token Generation



POST https://restful-booker.herokuapp.com/auth

○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

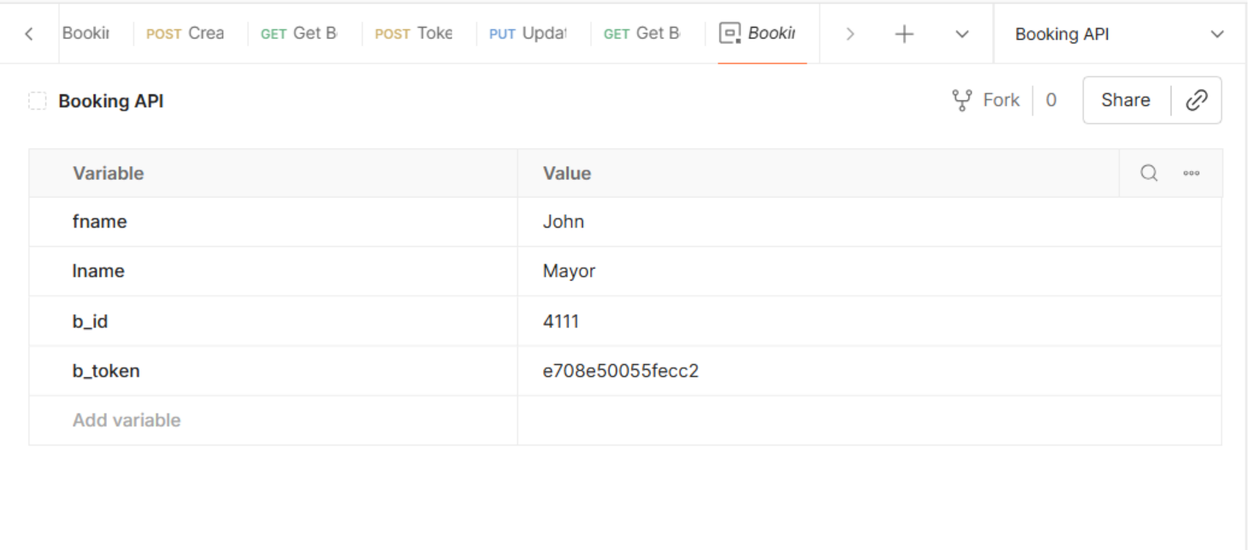
```
{
    "username" : "admin",
    "password" : "password123"
}
```

Body Cookies Headers (10) Test Results (1/1) 200 OK

{} JSON

```
{
    "token": "e708e50055fecc2"
}
```

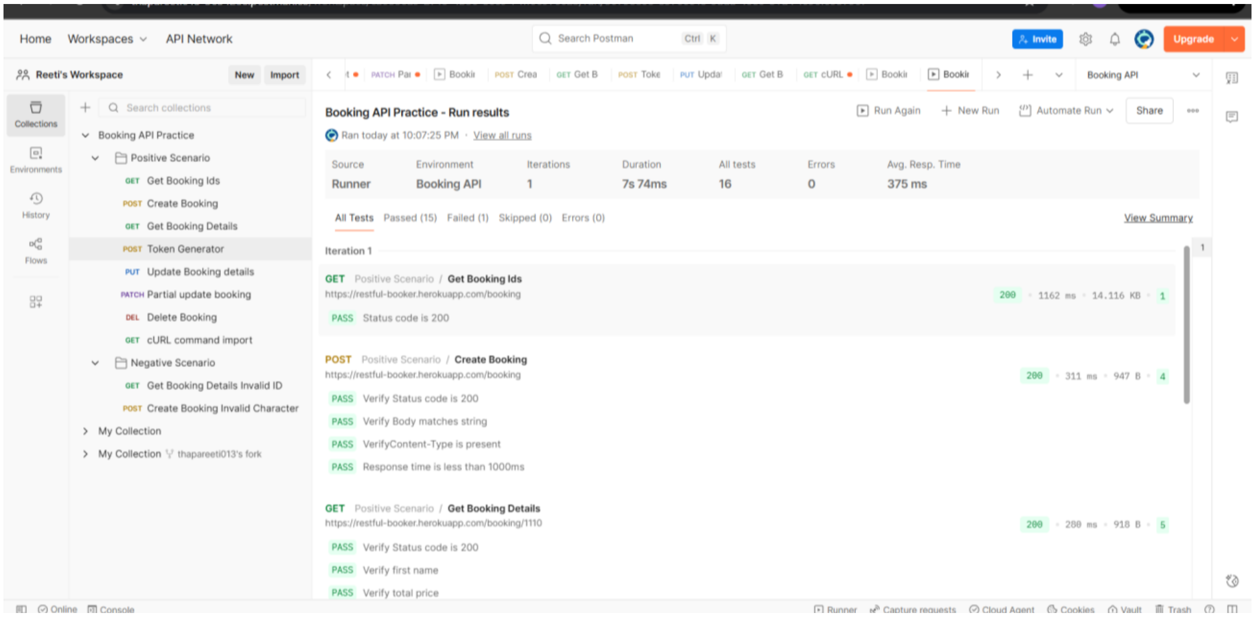
5. Environment Variables



Booking API

Variable	Value
fname	John
lname	Mayor
b_id	4111
b_token	e708e50055fecc2
Add variable	

6. Run Collection



Booking API Practice - Run results

Ran today at 10:07:25 PM · View all runs

Source	Environment	Iterations	Duration	All tests	Errors	Avg. Resp. Time
Runner	Booking API	1	7s 74ms	16	0	375 ms

All Tests Passed (15) Failed (1) Skipped (0) Errors (0) View Summary

Iteration 1

GET Positive Scenario / Get Booking Ids
https://restful-booker.herokuapp.com/booking
200 · 1162 ms · 14.116 KB · 1

PASS Status code is 200

POST Positive Scenario / Create Booking
https://restful-booker.herokuapp.com/booking
200 · 311 ms · 947 B · 4

PASS Verify Status code is 200
PASS Verify Body matches string
PASS VerifyContent-Type is present
PASS Response time is less than 1000ms

GET Positive Scenario / Get Booking Details
https://restful-booker.herokuapp.com/booking/1110
200 · 280 ms · 918 B · 5

PASS Verify Status code is 200
PASS Verify first name
PASS Verify total price