API Automation Assessment

Scenario 1: (**Verify that response not empty and response generate token**) **– Mandatory**

- Booking API auth (POST). - https://restful-booker.herokuapp.com/auth
- Create Auth token using below credentials in body using Json content-type
- Validate that response not empty and token is generated successfully

Request: -

curl -X POST \

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

 -H 'Content-Type: application/json' \

 -d '{

  "username" : "admin",

  "password" : "password123"

}'

Response: -

HTTP/1.1 200 OK

{

  "token": "abc123"

}

Scenario 2: **(Verify that book is added successfully) – Mandatory**

- Booking Create a Book (POST):- https://restful-booker.herokuapp.com/booking)
- Create a book
- Validate that book is successfully added (Response – Actual Data)

Request Example (Generate You own Data) :-

```
curl -X POST \

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

 -H 'Content-Type: application/json' \

 -d '{

  "firstname" : "Jim",

  "lastname" : "Brown",

  "totalprice" : 111,

  "depositpaid" : true,

  "bookingdates" : {

    "checkin" : "2018-01-01",

    "checkout" : "2019-01-01"

  },

  "additionalneeds" : "Breakfast"

}'
```

Response :-

```
HTTP/1.1 200 OK

{

  "bookingid": 1,

  "booking": {

    "firstname": "Jim",

    "lastname": "Brown",
```

```
    "totalprice": 111,

    "depositpaid": true,

    "bookingdates": {

       "checkin": "2018-01-01",

       "checkout": "2019-01-01"

    },

    "additionalneeds": "Breakfast"

  }

}
```

Scenario 3: (**Verify that list of books using ID in response is greater than Zero) – Bones**

- Booking (GET) . - https://restful-booker.herokuapp.com/booking
- Retrieve all List of books.
- Assert that list is greater than zero.

API Project uploaded to GitHub.

• Demo video for the run and Report for the execution (Extent/ Allure) attach .html report in mail

• ReadMe file contains steps of Run and Set of tools and technologies used.

• Tools to be used: Java, Rest Assured, TestNG

• Preferred to use test data ready like excel or Json

• Follow java clean code guidelines.