

Automation Assignment

Technical Test Guidance for candidate:

Please develop an automated test framework to execute the steps below. This can be done preferably in Java language + RestAssured. This can be written entirely from scratch, or by building on existing templates, and following any format that you would like to use. Please upload your work to a git repository and share the link with us prior to your interview.

Task 1: API assignment

This is Rest API assignment, please automate using any tool, we will prefer using Rest Assured with any unit frameworks

- Add item with sample request below

Request

```
curl --location 'https://restful-booker.herokuapp.com/booking' \
--header 'Content-Type: application/json' \
--data '{
  "firstname": "testFirstName",
  "lastname": "lastName",
  "totalprice": 10.11,
  "depositpaid": true,
  "bookingdates": {
    "checkin": "2022-01-01",
    "checkout": "2024-01-01"
  },
  "additionalneeds": "testAdd"
}'
```

Response

```
{
  "bookingid": 1416,
  "booking": {
    "firstname": "testFirstName",
    "lastname": "lastName",
    "totalprice": 10,
    "depositpaid": true,
    "bookingdates": {
      "checkin": "2022-01-01",
      "checkout": "2024-01-01"
    },
    "additionalneeds": "testAdd"
  }
}
```

- Use list API to validate the added item with ID param

List book Request with ID:

Request:

curl --location '<https://restful-booker.herokuapp.com/booking/1416>'

Response:

```
{
  "firstname": "testFirstName",
  "lastname": "lastName",
  "totalprice": 10,
  "depositpaid": true,
  "bookingdates": {
    "checkin": "2022-01-01",
    "checkout": "2024-01-01"
  },
  "additionalneeds": "testAdd"
}
```

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- Generate report with Pass/Fail
- Add negative use cases

Important Points: -

- Develop framework using Java as programming language with Rest Assured
- Follow proper coding standard