Introduction to Test Automation with REST Assured.

# AGENDA:

1.Short introduction to REST API testing

What is HTTP protocol

Basic HTTP methods

HTTP status codes

What is REST API

Why do we need to test REST APIs?

How to read REST APIs documentation – Swagger

2.Manual testing in Postman

<https://petstore.swagger.io/#/store/placeOrder>

Your first postman request

GET request

POST request

PUT request

DELETE request

GHHERKIN

3. Lets automate it – REST Assured

the best: https://restful-booker.herokuapp.com/apidoc/index.html#api-Booking-UpdateBooking

Write first automated test

Set up base Class

Request specification

Response specification

Add different endpoints

Authorization

Get request

Post request

Put request

Delete request

Path parameters

Query parameters

Assert body of response

Extract the body

…

BDD/Gherkin:

**Keywords:**

Feature

Scenario

Given

When

Then

And

**Example scenario:**