API Project

<///ITI//>

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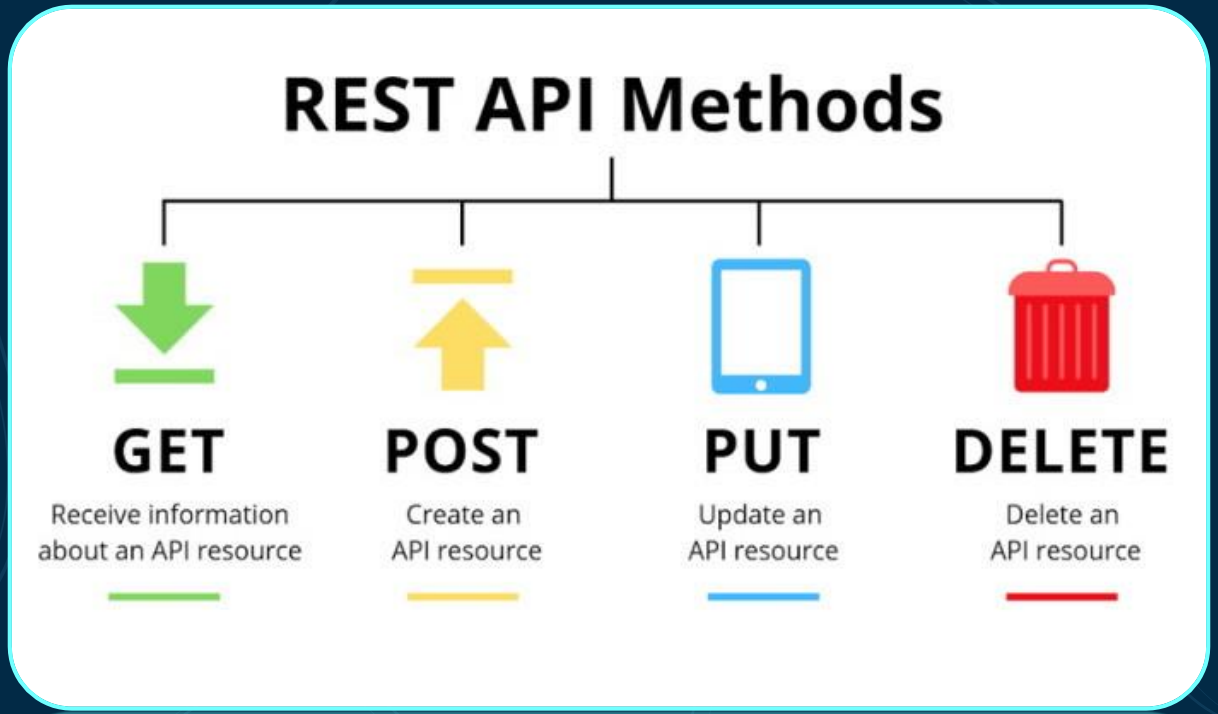
</API//>

API (Application Programming Interface) is a computing interface which enables communication and data exchange between two separate software systems

Method


REST API Methods
GET
Receive information about an API resource
POST
Create an API resource
PUT
Update an API resource
DELETE
Delete an API resource

What do we Test in APIs ?

- To verify that APIs returns Correct Status Codes.
- To verify whether the return value is based on input condition. Response of the APIs should be verified based on the request.
- To verify whether the API is authenticating the users correctly and the behavior if The API called with Invalid credentials or Token.
- To verify API is doing POST,PUT,PATCH and Delete operations Correctly on Database Side.
- And so on….

API Testing Tools

</Postman//>

Postman is an API platform for building and using APIs. Postman simplifies each step of the API lifecycle and streamlines collaboration so you can create better APIs—faster.

</Rest Assured/>

REST-Assured is a Java library for testing RESTful web services. It is used to invoke REST web services and validate requests & responses. REST-Assured is an open-source API test automation tool for testing.

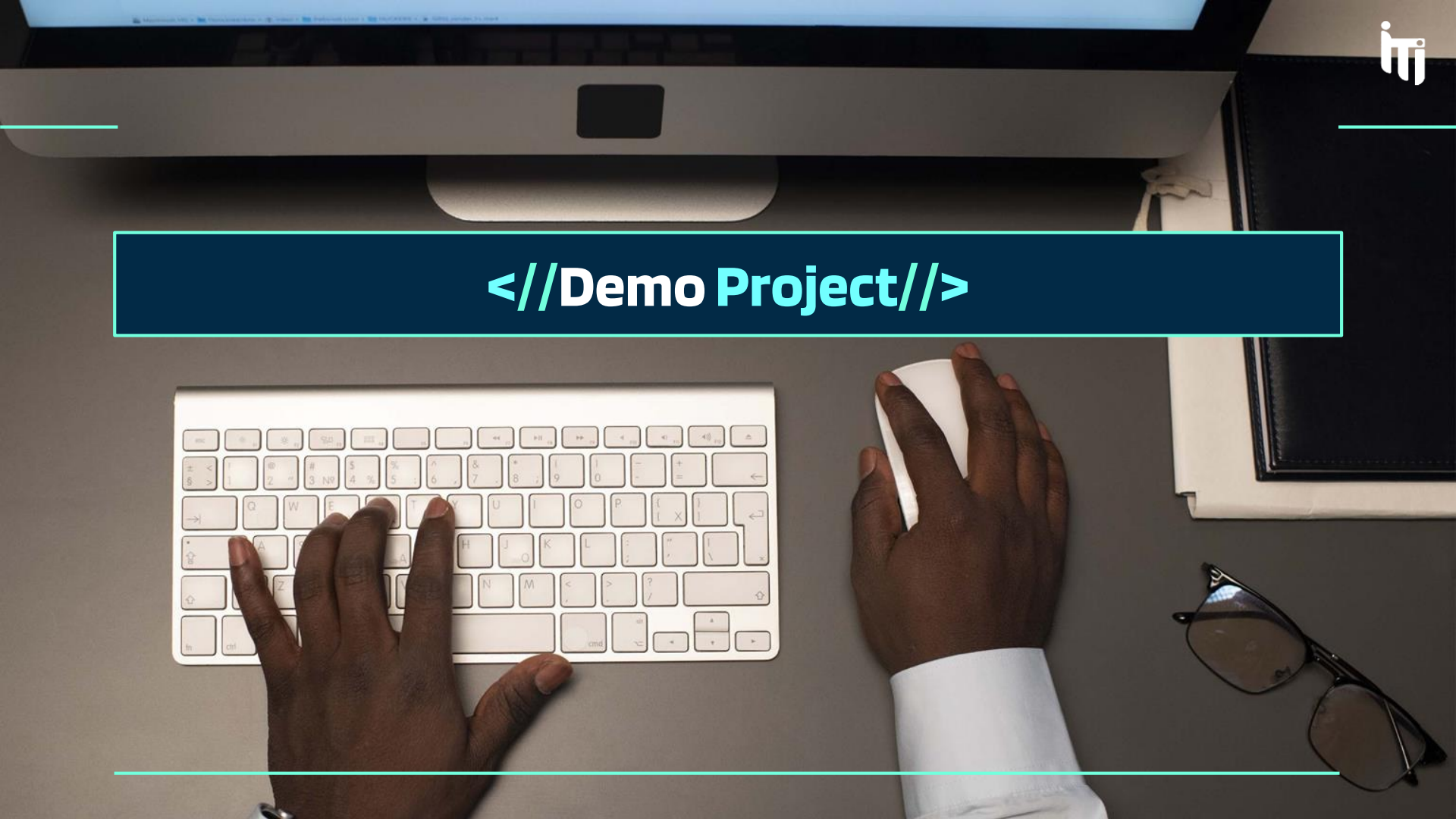
</ API Project />

1-Mock API(Employees)

2-Postman

3-Rest Assured

4-Emailable Reporter


</Demo Project//>

Resources

1-ITI

https://identity.iti.gov.eg

2-Qacart

https://qacart.com

3-Test Automation University

https://testautomationu.applitools.com

</// Any Questions ? //>

Thank You