API – Automation

API – Application programming interface

Server --------------------🡪 Browser

CRUD

Create 🡪 POST

Read 🡪 GET

Update 🡪 PUT

Delete 🡪 DELETE

Authentication 🡪 No Authenticate, Basic Authentication, OAuth, OAuth 2.0

End Point 🡪 URL where resource is hosted

Any Application we will have API documentation

Response code: Success -200, Un Authorization – 401, Failed – 400

Types of API: REST, SOAP, and Graph API

HTTP Request Activity 🡪 make an API request to server and returns the response

Return 🡪 A string of JSON Object

JSON 🡪 Java Script Object Notation

“{

“Name” : “Pathrudu”,

“Location” : Hyderabad”

}”

Deserialize JSON