**Soap UI**

**Graphical user interface, text, application, email

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**Groovy Script:-**

import jxl.\*

import jxl.write.\*

import groovy.json.JsonSlurper

**//Excel Data For POST**

Workbook work = Workbook.getWorkbook(new File("C:\\Users\\M1080659\\OneDrive - Mindtree Limited\\Documents\\EmployeeData1.xls"));

Sheet data = work.getSheet(0)

String compitency = data.getCell(0,1).getContents()

String id = data.getCell(1,1).getContents()

String name = data.getCell(2,1).getContents()

String yearOfJoining = data.getCell(3,1).getContents()

**//Post**

testRunner.testCase.testSuite.setPropertyValue("compitency",compitency)

testRunner.testCase.testSuite.setPropertyValue("id",id)

testRunner.testCase.testSuite.setPropertyValue("name",name)

testRunner.testCase.testSuite.setPropertyValue("yearOfJoining",yearOfJoining)

def tCase = testRunner.testCase.testSuite.testCases["TestCase 1"]

def getIdTestStep = tCase.testSteps["POST Request"]

log.info"Running POST Request"

def restRequest=getIdTestStep.run(testRunner,context)

def responseJson =getIdTestStep.testRequest.response.responseContent

JsonSlurper slurper = new JsonSlurper()

def parsedJson = slurper.parseText(responseJson)

log.info(responseJson)

if(parsedJson.httpStatus.equals("CREATED")){

log.info"POST Request has run successfully"

assert true

}else{

log.info"POST was unsuccessful"

assert false

}

**//Get**

testRunner.testCase.testSuite.setPropertyValue("id",id)

def getIdTestStep1 = tCase.testSteps["GET Request"]

log.info"Running GET Request"

def restRequest1=getIdTestStep1.run(testRunner,context)

def responseJson1 =getIdTestStep1.testRequest.response.responseContent

def parsedJson1 = slurper.parseText(responseJson1)

log.info(responseJson1)

if(parsedJson1.httpStatus.equals("ACCEPTED")){

log.info"GET Request has run successfully"

assert true

}

log.info(compitency)

if(parsedJson1.body.name.equals(name) && parsedJson1.body.compitency.equals(compitency) && parsedJson1.body.yearOfJoining.equals(yearOfJoining.toInteger())){

log.info"New Employee was added"

assert true

}else{

log.info"Employee was not added"

assert false

}

**//Excel Data For PUT**

compitancy = data.getCell(0,2).getContents()

id = data.getCell(1,2).getContents()

name = data.getCell(2,2).getContents()

yearOfJoining = data.getCell(3,2).getContents()

**//Put**

testRunner.testCase.testSuite.setPropertyValue("compitency",compitency)

testRunner.testCase.testSuite.setPropertyValue("id",id)

testRunner.testCase.testSuite.setPropertyValue("name",name)

testRunner.testCase.testSuite.setPropertyValue("yearOfJoining",yearOfJoining)

log.info"Running PUT Request"

def getIdTestStep2 = tCase.testSteps["PUT Request"]

def restRequest2=getIdTestStep2.run(testRunner,context)

def responseJson2 =getIdTestStep2.testRequest.response.responseContent

def parsedJson2 = slurper.parseText(responseJson2)

log.info(responseJson2)

if(parsedJson2.httpStatus.equals("UPDATED")){

log.info "PUT Request has run successfully"

assert true

}else{

log.info "PUT was unsuccessful"

assert false

}

**//Get**

testRunner.testCase.testSuite.setPropertyValue("id",id)

def getIdTestStep3 = tCase.testSteps["GET Request"]

def restRequest3=getIdTestStep3.run(testRunner,context)

log.info"Running GET Request"

def responseJson3 =getIdTestStep3.testRequest.response.responseContent

def parsedJson3 = slurper.parseText(responseJson3)

log.info(responseJson3)

if(parsedJson3.httpStatus.equals("ACCEPTED")){

log.info"GET Request has run successfully"

assert true

}

if(parsedJson3.body.name.equals(name) && parsedJson3.body.compitency.equals(compitency) && parsedJson3.body.yearOfJoining.equals(yearOfJoining.toInteger())){

log.info"Employee was Updated"

assert true

}else{

log.info"Employee was not Updated"

assert false

}

**//Delete**

testRunner.testCase.testSuite.setPropertyValue("id",id)

def getIdTestStep4 = tCase.testSteps["DELETE Request"]

log.info"Running DELETE Request"

def restRequest4=getIdTestStep4.run(testRunner,context)

def responseJson4 =getIdTestStep4.testRequest.response.responseContent

def parsedJson4 = slurper.parseText(responseJson4)

log.info(responseJson4)

if(parsedJson4.httpStatus.equals("DELETED")){

log.info"DELETE Request has run successfully"

assert true

}else{

log.info"DELETE was unsuccessful"

assert false

}

**//Get**

testRunner.testCase.testSuite.setPropertyValue("id",id)

def getIdTestStep5 = tCase.testSteps["GET Request"]

log.info"Running GET Request"

def restRequest5=getIdTestStep5.run(testRunner,context)

def responseJson5 =getIdTestStep5.testRequest.response.responseContent

def parsedJson5 = slurper.parseText(responseJson5)

log.info(responseJson5)

if(parsedJson5.status.equals(500)){

log.info"GET Request has run successfully"

log.info"Employee was deleted"

assert true

}else{

log.info"Employee was not deleted"

assert false

}

work.close()

**OUTPUT:-**

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