

```

*** Keywords ***
Open Salesforce and Launch Excel
    Open Salesforce
    Launch Excel

Open Salesforce
    Auth With Token
    ...     username=${username}
    ...     password=${password}
    ...     api_token=${api_token}

Launch Excel

    Open Excel Document
filename=C:/Users/wally/Documents/Python/Demo/MFRest/ARAPI/RPASalesforce.xlsx
doc_id=docid    keep_vba=false
    Get Sheet    sheet_name=TCases
    ${sObject}= Read Excel Cell    row_num=2    col_num=2    sheet_name=TCases
    ${testcase} Read Excel Column  col_num=1    row_offset=0    max_num=0
sheet_name=TCases
    ${description} Read Excel Column  col_num=4    row_offset=0    max_num=0
sheet_name=TCases
    ${operators} Read Excel Column  col_num=3    row_offset=0    max_num=0
sheet_name=TCases

    #Open Browser    about:blank    ${browser}

Stop Excel

    Close All Excel Documents

Define Variables as Global
    [Arguments]    ${sObject}    ${operators}    ${value1}    ${value2}    ${value3}
    Set Global Variable    ${sObject}
    Set Global Variable    ${operators}
    Set Global Variable    ${value1}
    Set Global Variable    ${value2}
    Set Global Variable    ${value3}

Get Object
    [Arguments]    ${sObject}    ${operators}    ${value1}
    ${data}=      Get Salesforce Object By Id    ${sObject}    ${value1}
    Log Many    "Object Record Data: \n"    ${data}

Update Object
    [Arguments]    ${sObject}    ${operators}    ${value1}    ${value2}
    ${response}= Update Salesforce Object    ${sObject}    ${newID}    ${data}
    Log Many    "Update Request Status: "    ${response}
    ${data1}=    Get Salesforce Object By Id    ${sObject}    ${newID}
    Log Many    "Object Updated Record Data: \n"    ${data1}

Create Object
    [Arguments]    ${sObject}    ${operators}    ${value1}    ${value2}    ${value3}
    ${record}=    Create Salesforce Object    ${sObject}    ${datanew}

```

```
Run Keyword If '${record}[success]'=='False' Error Bypass
Log Many "New Record Status: " ${record}
${newID}= Set Variable ${record}[id]
```

```
${data1}= Get Salesforce Object By Id ${sObject} ${newID}
Log Many "Object New Record Data: \n" ${data1}
Set Global Variable ${newID}
```

#### Error Bypass

```
Log Many "Create Failed: Duplicate" ${passed}
```

#### Query Object

```
[Arguments] ${sObject} ${operators} ${value1}
${query}= Salesforce Query ${value1}
Log Many "Object Query Results: " ${query}
${query}= Salesforce Query Result As Table ${value1}
Log Many "Object Query Results Table: " ${query}
```

#### Describe Object

```
[Arguments] ${sObject}
${result}= Describe Salesforce Object ${sObject}
Log Many "Object Describe Results: " ${result}
```

#### Setup Data

```
[Arguments] ${sObject} ${operators} ${value1} ${value2} ${value3}
Run Keyword If '${operators}'=='Update' Dictionary Build 1
Run Keyword If '${operators}'=='Create' Dictionary Build 2
```

#### Dictionary Build 1

```
${data}= Create Dictionary key=value
Remove From Dictionary ${data} key
${key1} ${val1} Split Key Value Pair ${value1}
${key2} ${val2} Split Key Value Pair ${value2}
Set To Dictionary ${data} ${key1} ${val1}
Set To Dictionary ${data} ${key2} ${val2}
Log Many "Data Build 1: " ${data}
Set Global Variable ${data}
```

#### Dictionary Build 2

```
${datanew}= Create Dictionary key=value
Remove From Dictionary ${datanew} key
${key1} ${val1} Split Key Value Pair ${value1}
${key2} ${val2} Split Key Value Pair ${value2}
${key3} ${val3} Split Key Value Pair ${value3}
Set To Dictionary ${datanew} ${key1} ${val1}
Set To Dictionary ${datanew} ${key2} ${val2}
Set To Dictionary ${datanew} ${key3} ${val3}
Log Many "Data Build 2: " ${datanew}
Set Global Variable ${datanew}
```