KG – SELENIUM – AUTOMATION

USER GUIDE

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**PREFACE**

This documentation will help the users to have a general introduction to all the functions used for automating the scripts. It includes Common, Business, Report, Driver script and HTML functions. Which explains the scenario and working of functions. The document contains the Input Parameters and elaborative description for the functions. It explains how to pass the input for a function in the excel input sheets. It mentions the author of the functions, so the same can be contacted in case of any function failure or further explanation of functions.

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# Common Functions

## LAUNCHBROWSER

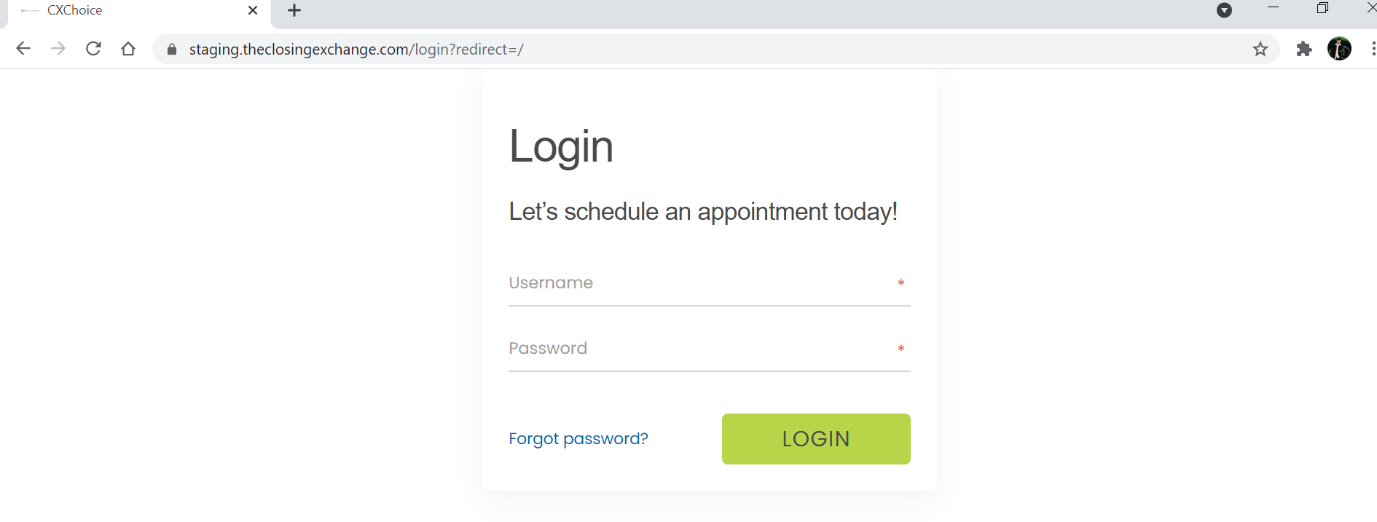
**Usage: This function is used to launch the browser (IE, Firefox, chrome ….) for the given**

**dashbaord**

**Input Parameters: Project URL,username,Tenant,Password,dashboard**

1. **Keyword: LaunchBrowser**
2. **Locator :**
3. **UIName: Chrome**
4. **Data:** [https://staging.theclosingexchange.com/#](https://staging.theclosingexchange.com/)

**ScreenShot**:



**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

## 1.2 ENTERVALUE

**Usage: This function is used to enter or set value into text box**

**Input Parameters: Text box locator, Text box UI name, value to be entered**

1. **Keyword: ENTERVALUE**
2. **Label: Purchase Order Title**
3. **Data: Order Number**

**ScreenShot:**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

## 1.5 CLEARTEXTBOX

**Usage: This function is used to clear the text box**

**Input Parameters: Text box locator, Text box UI name**

1. **Keyword: CLEARTEXTBOX**
2. **Locator : id:= Customer Name**
3. **UIName: Customer Nmae**

**Screenshot:**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

## 1.6 CLICK

**Usage: This function is used to click on any image, webelement , link**

**Input Parameters: locator, UI name**

1. **Keyword: CLICK**
2. **Locator : id:= Submit**
3. **UIName: Submit**

**Screenshot:**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

## 1.7 DOUBLECLICK

**Usage: This function is used to double click on any image, webelement , link**

**Input Parameters: locator, UI name**

1. **Keyword: DOUBLECLICK**
2. **Locator : id:= Generate Contract**
3. **UIName: Generate Contarct**

**Screenshot:**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

## 1.8 CLOSEALLBROWSERS

**Usage: This function is used to close all browsers opened by selenium**

**Input Parameters: No input parameters**

1. **Keyword: CLOSEALLBROWSERS**
2. **Locator : NA**
3. **UIName: NA**
4. **Data : NA**

**Designed By: Murali Pentakota**

**Creation Date: 01/05/2021**

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## 1.9 CLICKTAB

**Usage: This function is used to click on tab**

**Input Parameters: locator, UI name**

1. **Keyword: CLICKTAB**
2. **Locator : id:=procurement**
3. **UIName: procurement**
4. **Data:**

**Designed By: Murali Pentakota**

**Creation Date: 01/05/2021**

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## 1.10 SCROLLDOWN

**Usage: This function is used to scroll horizontally or vertically in the listing page**

**Input Parameters: locator, UI name**

1. **Keyword: SCROLLDOWN**
2. **Locator : xpath:=//th[contains(text(),'Status')]/ancestor::div/following-sibling::div//td[9]**
3. **UIName: Status**
4. **Data: NA**

**Screen 1**

**Screen 2 – Horizontal Scroll**

**Designed By: Murali Pentakota**

**Creation Date: 01/05/2021**

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## 1.11 PAGEREFRESH

**Usage: This function is used to refresh the page**

**Input Parameters: no Input parameters**

1. **Keyword: PAGEREFRESH**
2. **Locator : NA**
3. **UIName: NA**
4. **Data: NA**

**Designed By: Murali Pentakota**

**Creation Date: 01/05/2021**

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## 1.14 INVISIBLEOFLOAD

**Usage: This function is used to wait until loader disappears**

**Input Parameters: , UI name**

1. **Keyword: INVISIBLEOFLOAD**
2. **Locator : NA**
3. **UIName: procurement**
4. **Data: NA**

**Designed By: Murali Pentakota**

**Creation Date: 01/05/2021**

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## 1.15 GENERATE\_UNIQVALUE

**Usage: This function is used to generate unique value**

**Input Parameters: Text box locator, Text box UI name**

1. **Keyword: GENERATE\_UNIQVALUE**
2. **Locator : NA**
3. **UIName: Purchase Order Title**
4. **Data: KG\_PO\_Title\_DPETV**

**Designed By: Murali Pentakota**

**Creation Date: 01/05/2021**

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## 1.16 SENDKEYS

**Usage: This function is used to move the control of next tab**

**Input Parameters: No input parameters**

1. **Keyword: SENDKEYS**
2. **Locator : TAB**
3. **UIName: NA**
4. **Data:**

**Designed By: Murali Pentakota**

**Creation Date: 01/05/2021**

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## 1.17 STOREVALUE

**Usage: This function is used to store the value in a variable so that we can use that value wherever necessary**

**Input Parameters: UI name,Data**

1. **Keyword: STOREVALUE**
2. **Locator : NA**
3. **UIName: ItemSubType**
4. **Data: Item or Part**

**Designed By: Murali Pentakota**

**Creation Date: 01/05/2021**

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## 1.23 SELECTIFRAMEBYINDEX

**Usage: This function is used to select an frame by index**

**Input Parameters: locator, UI name, index**

1. **Keyword: SELECTIFRAMEBYINDEX**
2. **Locator : id:= framename**
3. **UIName: new person**
4. **Data: 2**

**Designed By: Murali Pentakota**

**Creation Date: 01/05/2021**

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## 1.24 WAITTIME

**Usage: This function stops the execution for specified time**

**Input Parameters: data**

1. **Keyword: WAITTIME**
2. **Locator : NA**
3. **UIName: NA**
4. **Data: 5**

**Designed By: Murali Pentakota**

**Creation Date: 01/05/2021**

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## 1.25 GETTEXT

**Usage: This function is used to retrieve value from web page and stores in specified**

**Variable**

**Input Parameters: locator, UIname,**

1. **Keyword: GETTEXT**
2. **Locator : //td[starts-with(text(),'Contract Number')]/following-sibling::td//input**
3. **UIName: Contract Number**
4. **Data: MWO12345**

## 1.26 GETATTRIBUTE

**Usage: This function is used to retrieve value from web page and stores in specified**

**Variable**

**Input Parameters: locator, UIname,**

1. **Keyword: GETATTRIBUTE**
2. **Locator : //td[starts-with(text(),'Contract Number')]/following-sibling::td//input**
3. **UIName: Contract Number**
4. **Data: MWO12345**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

## 1.29 SWITCHWINDOW

**Usage: This function is used to switch between two tabs**

**Input Parameters: locator, UIname**

1. **Keyword: SWITCHWINDOW**
2. **Locator : xpath:=//div[@class=’modal-dialog’]**
3. **UIName: Purchase Orders**
4. **Data: NA**

**Designed By: Murali Pentakota**

**Creation Date: 01/05/2021**

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## 1.30 SELECTFRAME

**Usage: This function is used to select between Frames**

**Input Parameters: locator**

1. **Keyword: SELECTFRAME**
2. **UIName: NA**
3. **Data: NA**

**Designed By: Murali Pentakota**

**Creation Date: 01/05/2021**

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## 1.31 SWITCHDEFAULT

**Usage: This function is used to switch back the default**

**Input Parameters: locator**

1. **Keyword: SWITCHDEFAULT**
2. **Locator : xpath:=//button[@id="btn-act-type-save"]**
3. **UIName: NA**
4. **Data: NA**

**Screen 1**

**Switch back to default page**

**Designed By: Murali Pentakota**

**Creation Date: 01/05/2021**

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## 1.32 VERIFYVALUE

**Usage: This function is used to verify given value with application value**

**Input Parameters: locator, data**

1. **Keyword: VERIFYVALUE**
2. **Locator : xpath:=//div[starts-with(text(),'Showing 1 Records')]**
3. **Data: Showing 1 Records**

**Designed By: Murali Pentakota**

**Creation Date: 01/05/2021**

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## 1.33 WAITFORELEMENT

**Usage: This function waits for the particular element until specified time**

**Input Parameters: locator, UIname**

1. **Keyword: WAITFORELEMENT**
2. **Locator : id:=username**
3. **UIName: Username**
4. **Data: SwiftwaterUserOps**

**Designed By: Murali Pentakota**

**Creation Date: 09/09/2021**

## 1.41 VERIFYRECORDS

**Usage: This function is used to verify the number of records in service lines, product lines.**

**Input Parameters: Data**

**1. Keyword: VERIFYRECORDS**

**2. UI Name : NA**

**3. Data: Showing 1 Records**

**Designed By: Murali Pentakota**

**Creation Date: 09/09/2021**

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## 1.42 GETTEXT\_LABEL

**Usage: This function is used to get the required data and store it.**

**Input Parameters: UIName, Data**

**1. Keyword: VERIFYRECORDS**

**2. UI Name : Sales Order Number**

**3. Data: SONumber1**

**Here the number seen in Sales Order Number text box will be stored in SONumber1.**

**Designed By: Murali Pentakota**

**Creation Date: 09/09/2021**

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## 1.43 GETTEXT\_ROW

**Usage: This function is used to fetch the value from row level and store it.**

**Input Parameters: UIName ,Data**

**1. Keyword: GETTEXT\_ROW**

**2. UI Name : LOB**

**3. Data: LOB0987**

**Leaves the empty rows and fetches value from the row containing data.**

## 1.46 VERIFYVALUE\_ROW

**Usage: This function is used to verify the given data at row level.**

**Input Parameters: UIName ,Data**

**1. Keyword: VERIFYVALUE\_ROW**

**2. UI Name : Status**

**3. Data: Approved**

**Here we have searched for a SO and verified whether it’s status was approved or not.**

## 1.50 SUBMIT

**Usage: This function is used to click on submit.**

**Input Parameters: NA**

**1. Keyword: SUBMIT**

**2. UIName: NA**

**3. Data: NA**

**Designed By: Murali Pentakota**

**Creation Date: 09/09/2021**

## 1.72 JAVA\_CLICK

**Usage: This function is used to click on any image, webelement, link. It can be used as an alternative for Click Keyword.**

**Input Parameters: locator, UI name**

1. **Keyword: JAVA\_CLICK**
2. **Locator : id:= Submit**
3. **UIName: Submit**

**Screenshot:**

## 1.73 REFRESH

**Usage: This function is used to click on refresh the page**

**Input Parameters: N/A**

1. **Keyword: REFRESH**
2. **UIName:**
3. **Data:**

## 1.75 SELECTVALUE/ SELECTVALUEBYVISIBLETEXT

**Usage: This function is used to select a value from the drop down**

**Input Parameters: List box UI name, value to be selected from list**

1. **Keyword: SELECTVALUEDROPDOWN**
2. **UIName: Owning Organization**
3. **Data: India**

**Screenshot:**

## 1.76 MOUSEOVER

**Usage: This function is used to mouse hover on an element**

**Input Parameters: Locator, List box UI name, value to be selected from list**

1. **Keyword: SELECTVALUEDROPDOWN**
2. **Locator: xpath:=//button[contains(text(),"More Details")]**
3. **UIName: More Details...**
4. **Data: N/A**

**Screenshot:**

## 1.77 RECOVERYSCENARIOS

**Usage: This function is used to handle cookies and refresh**

**Input Parameters: N/A**

1. **Keyword: RECOVERYSCENARIOS**
2. **Locator: N/A**
3. **UIName: N/A**
4. **Data: N/A**

**Screenshot:**

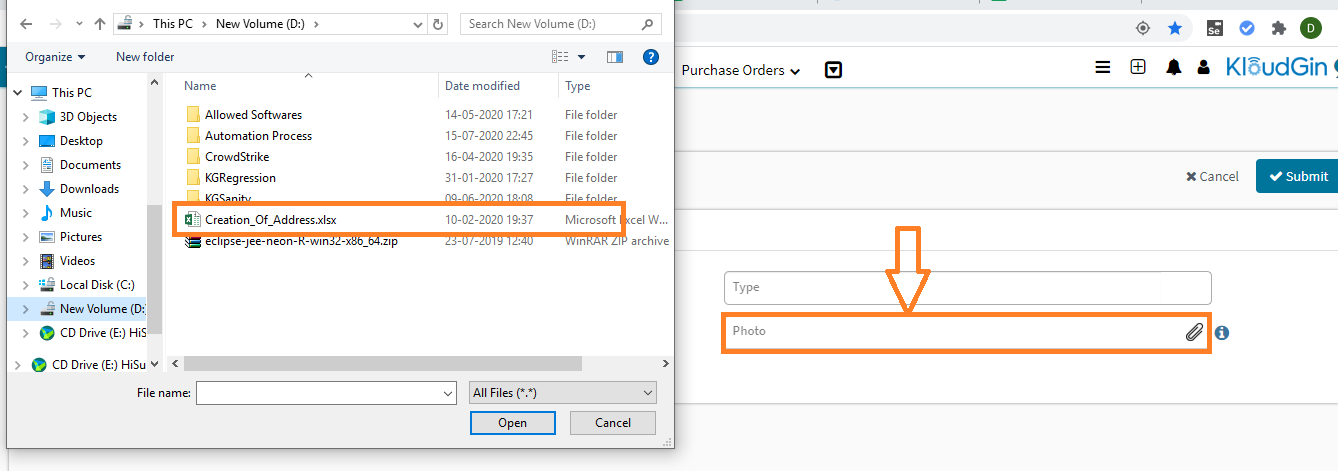
## 1.80 UPLOAD\_FILE

**Usage: This function is used to upload a file**

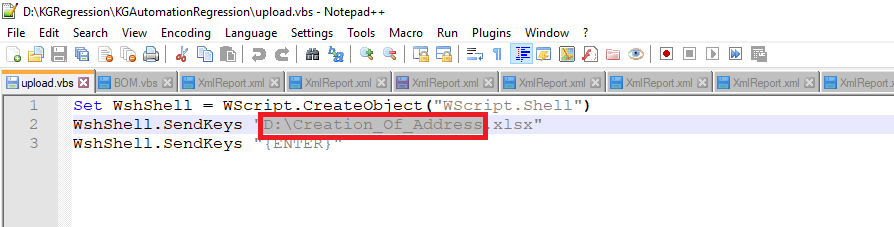
**Input Parameters: Tab UI name**

1. **Keyword: UPLOAD\_FILE**
2. **UIName: N/A**
3. **Data: upload**

**Screenshot:**

****

**Keep upload.vbs file in your folder structure with path in it to upload that required file.**

****

## 1.81 CHECKRADIOBTN

**Usage: This function is used to check the radio button**

**Input Parameters: Locator, UI name**

1. **Keyword: CHECKRADIOBTN**
2. **Locator: xpath:=//input[@value="Adhoc"]**
3. **UIName: Adhoc**
4. **Data: N/A**

**Screenshot:**

## 1.82 CLOSECURRENTBROWSER

**Usage: This function is used to close the current window**

**Input Parameters: N?A**

1. **Keyword: CLOSECURRENTBROWSER**
2. **Locator: N/A**
3. **UIName: N/A**
4. **Data: N/A**

## 1.88 GETROWTEXT

**Usage: This function is used to fetch the first row value from row level and store it in a variable**

**Input Parameters: UIName ,Data**

**1. Keyword: GETROWTEXT**

**2. UI Name : Title**

**3. Data: Title\_1**

**Leaves the empty rows and fetches value from the row containing data.**

## 1.95 ISDISPLAYED

**Usage: This function is used to check whether the element is displayed or not**

**Input Parameters: Locator, UI name**

1. **Keyword: ISDISPLAYED**
2. **Locator: id=Submit**
3. **UIName: Submit**
4. **Data: N/A**

## 1.96 ISNUMERIC

**Usage: This function is used to check whether the element is displayed or not**

**Input Parameters: Locator, UI name**

1. **Keyword: ISDISPLAYED**
2. **Locator: xpath:=//input[@placeholder="ZIP"]**
3. **UIName: ZIP**
4. **Data: N/A**

**Screenshot:**

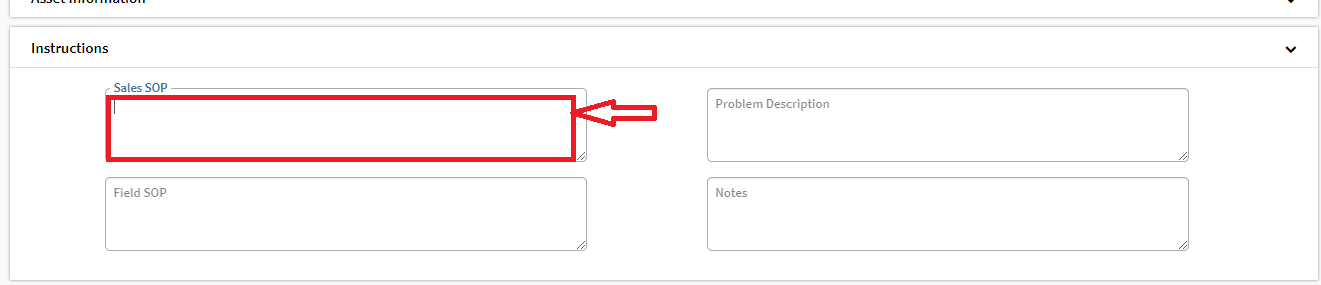
## 1.97 ISENABLED

**Usage: This function is used to check whether the text box is enabled or not**

**Input Parameters: Locator, UI name**

1. **Keyword: ISENABLED**
2. **Locator: xpath:=//input[@placeholder="Sales SOP"]**
3. **UIName: ZIP**
4. **Data: N/A**

**Screenshot:**



## 1.98 ISDISABLED

**Usage: This function is used to check whether the text box is disabled or not**

**Input Parameters: Locator, UI name**

1. **Keyword: ISDISABLED**
2. **Locator: xpath:=//input[@placeholder="ZIP"]**
3. **UIName: ZIP**
4. **Data: N/A**

**Screenshot:**

## 1.99 ISSELECTED

**Usage: This function is used to check whether the check box is selected or not**

**Input Parameters: Locator, UI name**

1. **Keyword: ISSELECTED**
2. **Locator: xpath:=//input[@value="Lot Controlled"]**
3. **UIName: Lot Controlled**
4. **Data: N/A**

**Screenshot:**

## 2.08 VERIFY\_NOTNULL

**Usage: This function is used to verify that the field should be not null.**

**Input Parameters: Locator,UIName**

1. **Keyword: VERIFY\_NOTNULL**
2. **Locator: xpath:=//input[@placeholder="ZIP"]**
3. **UIName: ZIPcode**

# 2 . Driver Script

## 2.1 Initializationscript

**Usage: This function reads test case l file row by row and execute each keyword until**

**loop ends**

**Input Parameters: test case path**

**Designed By: Murali Pentakota**

**Creation Date: 01/05/2021**

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## 2.2 Invokekeyword

**Usage: This function executes each keyword and returns true or false**

**Input Parameters: function name and function parameters**

**Designed By: Murali Pentakota**

**Creation Date: 01/05/2021**

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## 2.3 Readenvironmentalfile

**Usage: This function reads environmental file row by row and stores values in hash**

**map**

**Input Parameters: file path**

**Designed By: Murali Pentakota**

**Creation Date: 01/05/2021**

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# 3. Report Functions

|  |  |
| --- | --- |
| 3.1 | LogReporter |
| Usage | **This function is called across all the functions of the framework whenever we want to display any report or message. The function will call all the xml-writing related functions.** |
| Input Parameters | 1. **strTestStepInfoStatus : "Pass/Fail"**   **2) strTestStepInfoType : Step Name/ Name of the function.**  **3) strTestStepInfoName : Description of the step.** |
| Syntax | **LogReporter "Fail","login to application ", "unable to login to application"** |
| Designed by | **Murali Pentakota** |
| Creation date | **01-05-2021** |

|  |  |
| --- | --- |
| 3.2 | CreateRootDirectory |

**Usage: This function used to create root directory in xml used to generate reports**

**Input Parameters: document, suitename, casename, stepname,**

1. **Keyword: createrootdirectory**
2. **Locator :**
3. **UIName:**
4. **Data:**

**Designed By: Murali Pentakota**

**Creation Date: 01/05/2021**

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| 3.3 | AppandRootNode |

**Usage: This function used to append node to root directory**

**Input Parameters: dbfactory, dbuilder**

1. **Keyword: Appandrootnode**
2. **Locator :**
3. **UIName:**
4. **Data:**

**Designed By: Murali Pentakota**

**Creation Date: 01/05/2021**

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| 3.4 | CreateTestSuite |
| Usage | **This function will create Test Suite tag of xml report under Project Tag. The function will call ‘CreateTestCase function, which will create test case tag.** |
| Input Parameters | 1. **strTestSuiteName : Name of the suite**   **2) strTestCaseName : Test case name**  **3) strTestCaseDescription : Description of the test case**  **4) strTestStepName : Test Step Name**  **5)strTestStepDescription : Test Step Description**  **6) strTestStepInfoStatus : Test Info Step Result**  **7) strTestStepInfoType : kind of the test step info**  **8) strTestStepInfoName : Step Info name** |
| Syntax | CreateTestSuite**(strTestSuiteName,strTestCaseName,strTestCaseDescription,strTestStepName,strTestStepDescription,strTestStepInfoStatus,strTestStepInfoType,strTestStepInfoName)** |
| Designed by | **Murali Pentakota** |
| Creation date | **01-05-2021** |

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| 3.5 | CreateTestCase |
| Usage | **This function will create Test Case tag of xml report under Test Suite Tag. The function will call ‘CreateTestStep function which will create test step tag** |
| Input Parameters | **1) strTestCaseName : Test case name**  **2) strTestCaseDescription : Description of the test case**  **3) strTestStepName : Test Step Name**  **4)strTestStepDescription : Test Step Description**  **5) strTestStepInfoStatus : Test Info Step Result**  **6) strTestStepInfoType : kind of the test step info**  **7) strTestStepInfoName : Step Info name** |
| Syntax | **CreateTestCase(strTestCaseName,strTestCaseDescription,strTestStepName,strTestStepDescription,strTestStepInfoStatus,strTestStepInfoType,strTestStepInfoName)** |
| Designed by | **Murali Pentakota** |
| Creation date | **01-05-2021** |

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| 3.6 | CreateTestStep |
| Usage | **This function will create Test step tag of xml report under Test Case Tag. This will call ‘CreateTestStepLog function which will create test step Info tag.** |
| Input Parameters | **1) strTestStepName : Test Step Name**  **2) strTestStepDescription : Test Step Description**  **3) strTestStepInfoStatus : Test Info Step Result**  **4) strTestStepInfoType : kind of the test step info**  **5) strTestStepInfoName : Step Info name** |
| Syntax | **CreateTestStep(strTestStepName,strTestStepDescription,strTestStepInfoStatus,strTestStepInfoType,strTestStepInfoName)** |
| Designed by | **Murali Pentakota** |
| Creation date | **01-05-2021** |

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| 3.7 | CreateTestSteplog |
| Usage | **This function will create Test step Info tag of xml report under Test Step Tag.** |
| Input Parameters | **1) strTestStepInfoStatus : Test Info Step Result**  **2) strTestStepInfoType : kind of the test step info**  **3) strTestStepInfoName : Step Info name** |
| Syntax | **CreateTestStepLog(strTestStepInfoStatus,strTestStepInfoType,strTestStepInfoName)** |
| Designed by | **Murali Pentakota** |
| Creation date | **01-05-2021** |

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| 3.8 | AppendTestSuite |
| Usage | **This function will append Test Suite tag of existing xml report under Project Tag. The function will call ‘**CreateTestCase **function which will create test case tag.** |
| Input Parameters | **1) strTestSuiteName : Name of the suite**  **2) strTestCaseName : Test case name**  **3) strTestCaseDescription : Description of the test case**  **4) strTestStepName : Test Step Name**  **5)strTestStepDescription : Test Step Description**  **6) strTestStepInfoStatus : Test Info Step Result**  **7) strTestStepInfoType : kind of the test step info**  **8) strTestStepInfoName : Step Info name** |
| Syntax | AppendTestSuite**(strTestSuiteName,strTestCaseName,strTestCaseDescription,strTestStepName,strTestStepDescription,strTestStepInfoStatus,strTestStepInfoType,strTestStepInfoName)** |
| Designed by | **Murali Pentakota** |
| Creation date | **01-05-2021** |

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| --- | --- |
| 3.9 | AppendTestCase |
| Usage | **This function will append Test Case tag of existing xml report under Test Suite Tag. The function will call ‘**CreateTestStep **function which will create test step tag** |
| Input Parameters | **1) strTestCaseName : Test case name**  **2) strTestCaseDescription : Description of the test case**  **3) strTestStepName : Test Step Name**  **4)strTestStepDescription : Test Step Description**  **5) strTestStepInfoStatus : Test Info Step Result**  **6) strTestStepInfoType : kind of the test step info**  **7) strTestStepInfoName : Step Info name** |
| Syntax | AppendTestCase**(strTestCaseName,strTestCaseDescription,strTestStepName,strTestStepDescription,strTestStepInfoStatus,strTestStepInfoType,strTestStepInfoName)** |
| Designed by | **Murali Pentakota** |
| Creation date | **20-06-2016** |

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| 3.10 | AppendTestStep |
| Usage | **This function will append Test step tag of existing xml report under Test Case Tag. The function will call ‘**CreateTestStepLog **function, which will create test step Info tag** |
| Input Parameters | **1) strTestStepName : Test Step Name**  **2) strTestStepDescription : Test Step Description**  **3) strTestStepInfoStatus : Test Info Step Result**  **4) strTestStepInfoType : kind of the test step info**  **5) strTestStepInfoName : Step Info name** |
| Syntax | **AppendTestStep(strTestStepName,strTestStepDescription,strTestStepInfoStatus,strTestStepInfoType,strTestStepInfoName)** |
| Designed by | **Murali Pentakota** |
| Creation date | **20-06-2016** |

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| 3.11 | AppendTestStepLog |
| Usage | **This function will append Test step Info tag of existing xml report under Test Step Tag.** |
| Input Parameters | **1) strTestStepInfoStatus : Test Info Step Result**  **2) strTestStepInfoType : kind of the test step info**  **3) strTestStepInfoName : Step Info name** |
| Syntax | **AppendTestStepLog(strTestStepInfoStatus,strTestStepInfoType,strTestStepInfoName)** |
| Designed by | **Murali Pentakota** |
| Creation date | **20-06-2016** |

## 3.12 captureScreenShot

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| Usage | This function is used to capture the screen shots |
| Input Parameters | **Folder structure path** |
| Syntax | **captureScreenShot(Filepath)** |
| Designed by | **Murali Pentakota** |
| Creation date | **01-05-2021** |
| 3.13 | TimeDifference |
| Usage | **This function is used to calculate the time duration taken for a particular execution.** |
| Input Parameters | 1. **dtStartDate : Start Date** 2. **dtEndDate : End Date** |
| Syntax | **timeDifference(dtPJStartTime,pjEndTime)** |
| Designed by | **Murali Pentakota** |
| Creation date | **01-05-2021** |

# Appendix

**Common Functions: Common functions are used for performing operations on any web applications . Such as setting a value in the text field or getting a value from a text box clicking a button, tab, image or link, or verifying a field value etc.**

**Business functions: Business functions are used to execute specific functionalities specified to**

**Particular applications ex: getrequisition id, verify requisition id**

**Function: Function is a type of procedure or routine. In programming terminology, it consists of multiple statements which are meant to carry a particular task. We can also pass values to a function for carrying out its’ procedure and the function can also return a value to us as result of it, on its’ completion.**

**Input Parameters: A function can accept values from us for carrying out its’ operation, these values are termed as Input Parameters.**

**locator: should specify the locator on which the operation to be performed**

**ex: id:= new person ( format should be same :=)**

**UI Name: Ui name of the locator**

**Data: data to set /retrieve/enter……**