**SCENARIOS APPLIED**

**Method 1: readXmlContent(String xpath, String xmlFilePath) :**

**Parameter : xmlFilePath**

|  |  |
| --- | --- |
| **Scenario** | **Result** |
| Null | NullPointerException |
| Empty string (“ ”) | Exception caught by the catch block provided in the method |
| IncorrectPath  (c:\seleniumframework\contacts.xml) | Exception caught by the catch block provided in the method |
| File not exists and if we provide correct path | Exception caught by the catch block provided in the method |

**Parameter :xpath**

|  |  |
| --- | --- |
| **Scenario** | **Result** |
| Null | NullPointerException |
| Empty path (“ ”) | No errors thrown |
| Incorrctpath  (Gmail/credentials/fn),(Gmail/credentials/username/fn/ln) | NullPointerException |

Unable to read from duplicate nodes.

Example :<Gmail>

<username>

<firstname>zenq</firstname>

</username>

<username>

<firstname>selenium</firstname>

</username>

</Gmail>

**Method 2 : addXmlContent(String keyPath, String value, String xmlFilePath)**

**Parameter: keyPath**

|  |  |
| --- | --- |
| **Scenario** | **Result** |
| Null | NullPointerException |
| Empty path (“ ”) | IllegalNameException:  The name "" is not legal for JDOM/XML elements: XML names cannot be empty. |
| Incorrctpath  (Gmail/credentials/fn),(Gmail/credentials/username/fn/ln) | NullPointerException |

**Parameter :value**

|  |  |
| --- | --- |
| **Scenario** | **Result** |
| Null | No errors thrown |
| Any String value | No errors thrown |
| Empty string (“ ”) | No errors thrown |

**Parameter :xmlFilePath**

|  |  |
| --- | --- |
| **Scenario** | **Result** |
| Null | NullPointerException |
| Empty string (“ ”) | Exception caught by the catch block provided in the method |
| IncorrectPath  (c:\seleniumframework\contacts.xml) | Exception caught by the catch block provided in the method |
| File not exists and if we provide correct path | Exception caught by the catch block provided in the method |

Unable to add in node in to duplicate nodes.

**Method 3 : removeXmlContent(String keyPath , String xmlFilePath)**

**Parameter :keypath**

|  |  |
| --- | --- |
| **Scenario** | **Result** |
| Null | NullPointerException |
| Empty path (“ ”) | No errors thrown |
| Path=Gmail  Path=’credentials’  Path=’username’  Path=’Any name’ | Root node is not removed  Credentials node is removed  No error  No error |

**Parameter :xmlFilePath**

|  |  |
| --- | --- |
| **Scenario** | **Result** |
| Null | NullPointerException |
| Empty string (“ ”) | Exception caught by the catch block provided in the method |
| IncorrectPath  (c:\seleniumframework\contacts.xml) | Exception caught by the catch block provided in the method |
| File not exists and if we provide correct path | Exception caught by the catch block provided in the method |

**Method 4: updateXmlContent(String keyPath, String newvalue, String xFile)**

**Parameter :keypath**

|  |  |
| --- | --- |
| **Scenario** | **Result** |
| Null | NullPointerException |
| Empty path (“ ”) | No errors thrown |
| Incorrctpath  (Gmail/credentials/fn),(Gmail/credentials/username/fn/ln) | NullPointerException |

**Parameter :newValue**

|  |  |
| --- | --- |
| **Scenario** | **Result** |
| Null | No errors thrown |
| Any String value | No errors thrown |
| Empty string (“ ”) | No errors thrown |

**Parameter:xfile**

|  |  |
| --- | --- |
| **Scenario** | **Result** |
| Null | NullPointerException |
| Empty string (“ ”) | Exception caught by the catch block provided in the method |
| IncorrectPath  (c:\seleniumframework\contacts.xml) | Exception caught by the catch block provided in the method |
| File not exists and if we provide correct path | Exception caught by the catch block provided in the method |

if we try to update the value of parent element,the element gets updated but the children nodes are deleted.

**Method 5:getNodes(String xpath)**

getNodes(String xpath) is unable to get nodes if we give path as Gmail/credentials