# Automated Test Cases

|  |  |  |  |
| --- | --- | --- | --- |
| Test Number | Name | Description | Passed / Fail |
| 1 | Adding event to element | Checks if the correct event listener is created when a valid click event is added to a valid element. | Passed |
| 2 | Adding event with code in the method body | Checks if the correct event listener is created when an event is created with code in the body | Passed |
| 3 | Adding event with id missing, (3 underscores) | Checks if no event listener is generated | Fail (Bug in JavaScripthon) |
| 4 | Adding event with id missing (2 underscores) | Checks if no event listener is generated | Pass |
| 5 | Adding event with no event specified | Checks if no event listener is generated | ~~Fail~~  Passed (14/04/23) |
| 6 | Adding event with no method name specified | Checks if no event listener is generated | ~~Fail~~  Passed (14/04/23) |
| Start up | | | |
| 7 | Adding a valid start\_up | Checks if the correct event listener is created when a start\_up method is included | Pass |
| 8 | More than one start\_up | Checks if the correct exception is thrown if more than one start\_up is in the python | Pass |
| Get Value | | | |
| 9 | Valid getValue | Checks if the correct code is generated when a getValue method is called | Pass |
| 10 | Valid getValue in method body of event | Checks if the correct code is generated if a getValue is in the method body of a valid event | Pass |
| 11 | getValue with no id (1 underscore) | Checks if no .value is generated | Fail (Bug in JavaScripthon) |
| 12 | getValue with args | Checks if the args are ignored correctly | Pass |
| Set Output | | | |
| 13 | Valid setOutput String | Checks if the correct .innerText code is set when a string is supplied | Pass |
| 14 | Valid setOutput Number | Checks if the correct .innerText is set when a number is supplied | Pass |
| 15 | Valid setOutput BigInt | Checks if the correct .innerText is set when a BigInt is supplied | Pass |
| 16 | Valid setOutput Boolean | Checks if the correct .innerText is set when a Boolean is set | Pass |
| 17 | Valid setOutput Null | Checks if the correct .innerText is set when a Null / None is provided | Pass |
| 18 | Valid setOutput Object | Checks if the correct .innerText is set when an Object is provided | Pass |
| 19 | SetOutput with no id supplied (1 underscore) | Checks if no .innerText is created when no id is provided | Fail (Bug in JavaScripthon) |
| 20 | setOutput variable | Checks if the correct .innerText is created when a variable is provided | Pass |
| 21 | setOutput multiple args | Checks that .innerText only uses the first parameter and ignores the second one | Pass |
| 22 | setOutput no args | Checks that an exception is thrown when setOutput is found with no args | Pass |
| Comments | | | |
| 23 | Valid comment | Check if the correct comment is generated when a valid comment statement it used | Pass |
| 24 | Comment statement with no args | Check if an exception is thrown when a comment statement is used when no argument is used | Pass |
| 25 | Comment statement where the arg is not a literal | Checks if an exception is thrown when something other than a literal is provided for the argument | Pass |
| 26 | Comment statement with more than one argument | Checks if the correct exception is thrown when more than one argument is provided | Pass |
| HTML methods | | | |
| 27 | Load valid HTML from a local file | Checks if the local HTML is correctly loaded into the program | Pass |
| 28 | Load invalid HTML from a local file | Checks if the correct exception is thrown when invalid HTML is provided | Pass |
| Electron DB Load Data | | | |
| 29 | Valid electron dbLoadData | Checks if the correct code is generated when a valid dbLoadData for electron is used | Pass |
| 30 | Electron dbLoadData with no dbName specified | Checks if the correct exception is thrown when an electron dbLoadData is used with no dbName specified | Pass |
| 31 | Electron dbLoadData with no collection specified | Checks if the correct exception is thrown when an electron dbLoadData is used with no collection specified | Pass |
| 32 | Electron dbLoadData when no searchDict is provided | Checks if the correct exception is thrown when an electron dbLoadData is used with no searchDict is specified | Pass |
| 33 | Electron dbLoadData when the searchDict is not an object | Checks if the correct exception is thrown when an electron dbLoadData is used when the searchDict is not an object | ~~Failed~~  Passed (10/04/23) |
| Electron dbInsertData | | | |
| 34 | Valid electron dbInsertData | Checks if the correct code is generated when a valid dbInsertData for electron is used | Pass |
| 35 | Electron dbInsertData with no dbName specified | Checks if the correct exception is thrown when an electron dbInsertData is used with no dbName specified | Pass |
| 36 | Electron dbInsertData with no collection specified | Checks if the correct exception is thrown when an electron dbInsertData is used with no collection specified | Pass |
| 37 | Electron dbInsertData when no insertData is provided | Checks if the correct exception is thrown when an electron dbInsertData is used with no insertData is specified | Pass |
| 38 | Electron dbInsertData when the insertData is not an object | Checks if the correct exception is thrown when an electron dbInsertData is used when the insertData is not an object | Pass |
| Electron DB Delete Data | | | |
| 39 | Valid electron dbDeleteData | Checks if the correct code is generated when a valid dbDeleteData for electron is used | Pass |
| 40 | Electron dbDeleteData with no dbName specified | Checks if the correct exception is thrown when an electron dbDeleteData is used with no dbName specified | Pass |
| 41 | Electron dbDeleteData with no collection specified | Checks if the correct exception is thrown when an electron dbDeleteData is used with no collection specified | Pass |
| 42 | Electron dbDeleteData when no filter is provided | Checks if the correct exception is thrown when an electron dbDeleteData is used with no filter is specified | Pass |
| 43 | Electron dbDeleteData when the filter is not an object | Checks if the correct exception is thrown when an electron dbDeleteData is used when the filter is not an object | Pass |
| Electron DB Update Data | | | |
| 44 | Valid electron dbUpdateData | Checks if the correct code is generated when a valid dbUpdateData for electron is used | Pass |
| 45 | Electron dbUpdateData with no dbName specified | Checks if the correct exception is thrown when an electron dbUpdateData is used with no dbName specified | Pass |
| 46 | Electron dbUpdateData with no collection specified | Checks if the correct exception is thrown when an electron dbUpdateData is used with no collection specified | Pass |
| 47 | Electron dbUpdateData when no filter is provided | Checks if the correct exception is thrown when an electron dbUpdateData is used with no filter is specified | Pass |
| 48 | Electron dbUpdateData when the filter is not an object | Checks if the correct exception is thrown when an electron dbUpdateData is used when the filter is not an object | Pass |
| 49 | Electron dbUpdateData when no update object is provided | Checks if the correct exception is thrown when no update object is provided | Pass |
| 50 | Electron dbUpdateData when update object is not an object | Checks if the correct exception is thrown when the update object is not an object | Pass |
| Electron insertChange | | | |
| 51 | Electron, valid insertChange | Checks if the correct code is generated when a valid insertChange method is found | Pass |
| 52 | Electron 1+ insertChange | Checks if the correct exception is thrown when more than one insertChange method is found | Pass |
| Electron updateChange | | | |
| 53 | Electron, valid updateChange | Checks if the correct code is generated when a valid updateChange method is found | Pass |
| 54 | Electron 1+ updateChange | Checks if the correct exception is thrown when more than one updateChange method is found | Pass |
| Electron deleteChange | | | |
| 55 | Electron, valid deleteChange | Checks if the correct code is generated when a valid deleteChange method is found | Pass |
| 56 | Electron 1+ deleteChange | Checks if the correct exception is thrown when more than one deleteChange method is found | Pass |
| Web dbLoadData | | | |
| 57 | Valid web dbLoadData | Checks if the correct code is generated when a valid dbLoadData for web is used | Pass |
| 58 | Web dbLoadData with no dbName specified | Checks if the correct exception is thrown when a web dbLoadData is used with no dbName specified | ~~Failed~~  Passed (10/04/23) |
| 59 | Web dbLoadData with no collection specified | Checks if the correct exception is thrown when a web dbLoadData is used with no collection specified | ~~Failed~~  Passed (10/04/23) |
| 60 | Web dbLoadData when no searchDict is provided | Checks if the correct exception is thrown when a web dbLoadData is used with no searchDict is specified | ~~Failed~~  Passed (10/04/23) |
| 61 | Web dbLoadData when the searchDict is not an object | Checks if the correct exception is thrown when a web dbLoadData is used when the searchDict is not an object | ~~Failed~~  Passed (10/04/23) |
| Web dbInsertData | | | |
| 62 | Valid web dbInsertData | Checks if the correct code is generated when a valid dbInsertData for web is used | Pass |
| 63 | Web dbInsertData with no dbName specified | Checks if the correct exception is thrown when a web dbInsertData is used with no dbName specified | ~~Failed~~  Passed (10/04/23) |
| 64 | Web dbInsertData with no collection specified | Checks if the correct exception is thrown when a web dbInsertData is used with no collection specified | ~~Failed~~  Passed (10/04/23) |
| 65 | Web dbInsertData when no insertData is provided | Checks if the correct exception is thrown when a web dbInsertData is used with no insertData is specified | ~~Failed~~  Passed (10/04/23) |
| 66 | Web dbInsertData when the insertData is not an object | Checks if the correct exception is thrown when a web dbInsertData is used when the insertData is not an object | ~~Failed~~  Passed (10/04/23) |
| Web dbDeleteData | | | |
| 67 | Valid web dbDeleteData | Checks if the correct code is generated when a valid dbDeleteData for web is used | Pass |
| 68 | Web dbDeleteData with no dbName specified | Checks if the correct exception is thrown when a web dbDeleteData is used with no dbName specified | ~~Failed~~  Passed (10/04/23) |
| 69 | Web dbDeleteData with no collection specified | Checks if the correct exception is thrown when a web dbDeleteData is used with no collection specified | ~~Failed~~  Passed (10/04/23) |
| 70 | Web dbDeleteData when no filter is provided | Checks if the correct exception is thrown when a web dbDeleteData is used with no filter is specified | ~~Failed~~  Passed (10/04/23) |
| 71 | Web dbDeleteData when the filter is not an object | Checks if the correct exception is thrown when a web dbDeleteData is used when the filter is not an object | ~~Failed~~  Passed (10/04/23) |
| Web dbUpdateData | | | |
| 72 | Valid web dbUpdateData | Checks if the correct code is generated when a valid dbUpdateData for web is used | Pass |
| 73 | Web dbUpdateData with no dbName specified | Checks if the correct exception is thrown when a web dbUpdateData is used with no dbName specified | ~~Failed~~  Passed (10/04/23) |
| 74 | Web dbUpdateData with no collection specified | Checks if the correct exception is thrown when a web dbUpdateData is used with no collection specified | ~~Failed~~  Passed (10/04/23) |
| 75 | Web dbUpdateData when no filter is provided | Checks if the correct exception is thrown when a web dbUpdateData is used with no filter is specified | ~~Failed~~  Passed (10/04/23) |
| 76 | Web dbUpdateData when the filter is not an object | Checks if the correct exception is thrown when a web dbUpdateData is used when the filter is not an object | ~~Failed~~  Passed (10/04/23) |
| 77 | Web dbUpdateData when no update object is provided | Checks if the correct exception is thrown when no update object is provided | ~~Failed~~  Passed (10/04/23) |
| 78 | Web dbUpdateData when update object is not an object | Checks if the correct exception is thrown when the update object is not an object | ~~Failed~~  Passed (10/04/23) |
| Web insertChange | | | |
| 79 | Web, valid insertChange | Checks if the correct code is generated when a valid insertChange method is found | Pass |
| 80 | Web 1+ insertChange | Checks if the correct exception is thrown when more than one insertChange method is found | Pass |
| Web updateChange | | | |
| 81 | Web, valid updateChange | Checks if the correct code is generated when a valid updateChange method is found | Pass |
| 82 | Web 1+ updateChange | Checks if the correct exception is thrown when more than one updateChange method is found | Pass |
| Web deleteChange | | | |
| 83 | Web, valid deleteChange | Checks if the correct code is generated when a valid deleteChange method is found | Pass |
| 84 | Web 1+ deleteChange | Checks if the correct exception is thrown when more than one deleteChange method is found | Pass |