TESTING REPORT

| TEST: XML JDOM Data Handler Getter Methods |
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| DATE: 27/5/24 |
| TESTER: Noah Carter |

| CLASSES TESTED: |
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| XMLJDOMHandler extends XMLJDOM |
| METHODS TESTED: |
| getInstance()  getMachineData()  getComponentData()  getPartData()  getComponentDataFromMachine()  getPartDataFromComponentFromMachine()  getNameFromID()  getMachinesAtLocation()  getMachineNamesAtLocation()  getUserData()  getMachineReportData()  getMachineReport()  getListOfMachineIDs()  getListOfReportIDs()  getListOfUserIDs() |

| OVERVIEW OF TESTS: | | |
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| Testing elements to check that the getters work to retrieve data from DocDuckXML. | | |
| RESULTS: | | |
| All tests successful and functions working as expected  Exceptions:  getPartDataFromComponentFromMachine() failed: getElement returns null. | | |
| EVALUATION OF TESTS: | | |
| Different methods implemented to test getters, equating lists and ensuring they aren’t empty. | | |