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| Client Organisation Name | Madington Library |
| Project/Job/Task Title | Project for Maddington Library |

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| **Test cases/validation for the website** | | | | |
| **S. No.** | **Test Case Description** | **Expected Results** | **Actual Results** | **Status (Pass/Fail)** |
| 1 | Add a new book to the system | The book should be added successfully and listed in the book list. | As expected | Pass  Fail |
| 2 | Delete a book from the system | The book should be deleted successfully and not listed in the book list. | As expected | Pass  Fail |
| 3 | Add a new resource to the system | The resource should be added successfully and listed in the resource list. | As expected | Pass  Fail |
| 4 | Delete a resource from the system | The resource should be deleted successfully and not listed in the resource list. | As expected | Pass  Fail |
| 5 | Search for a book by ID | The book should be found if it exists, otherwise, null should be returned. | As expected | Pass  Fail |
| 6 | Sort books in ascending order by name | Books should be sorted by id in ascending order. | As expected | Pass  Fail |
| 7 | Sort books in descending order by name | Books should be sorted by id in descending order. | As expected | Pass  Fail |
| 8 | Load books from JSON file | The books should be loaded correctly from the JSON file and listed in the book list. | As expected | Pass  Fail |
| 9 | Load resources from JSON file | The resources should be loaded correctly from the JSON file and listed in the resource list. | As expected | Pass  Fail |
| 10 | Save books to JSON file after adding a new book | The new book should be saved correctly to the JSON file and listed in the book list after reloading the data. | As expected | Pass  Fail |
| 11 | Console Debugging with ‘var\_dump()’ | ‘var\_dump()’ statements should provide detailed output of variables and Debugging information should be documented. | As expected | Pass  Fail |
| 12 | Use of Constants | Fixed values should be defined as constants instead of being hardcoded. | As expected | Pass  Fail |

**Notes/Comments**

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| All good as expected |

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| Developer/Designer Signature | Kate |
| Name of the developer/designer | Kate |
| Date | 06/06/2024 |