| **Test Name** | | | Integration Testing (LoanDAOTest) | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Use Case Tested:** | | | Loan, Book, Member | | | |
| **Test Description:** | | | Integration test of Loan, Book, Member with their interfaces, helper and DAO | | | |
| **Pre-conditions** | | | “BookDAO” and “MemberDAO” must be use for check member and books. | | | |
| **Post-conditions** | | | Display the result using book and member classes by get results | | | |
| **Notes:** | | **In this test case some values are default stored in book and java and also in loan file to predict the result** | | | | |
| **Result (Pass/Fail/Warning/Incomplete)** | |  | | | | |
|  | **TEST STEP** | | | **EXPECTED TEST RESULTS** | P | F |
|  | Find Loans By Book Title | | | ip | y |  |
|  | Find Loans By Borrower | | | Loan by borrower[2] | y |  |
|  | Get Loan By Book | | | Loan on book[0] | y |  |

TEST TABLE 1:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** |
| Author | Aman | Aryan | Sashi | Dev |
| title | Twilight | math | ip | Light |
| callno | 12345 | 97655 | 578345 | 4545 |

TEST TABLE 2:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** |
| First name | Aman | Aryan | Dev | Sashi |
| Last name | Kumar | Rajput | Kumar | Roy |
| Call no | 9876543765 | 126543765 | 876543765 | 097654365 |
| Email | Amanr1326@gmail.com | arfhjk1326@gmail.com | akjh26@gmail.com | yhjmr1326@gmail.com |