**1 – Happy Day Test**

Description: Within this test the “Borrow Book” use case is tested. The test ensures the following steps can be executed without hindrance: the borrow books button is pressed, the member id is input, the book is scanned, the scanning session is completed and then the loan is confirmed.

Pre-conditions: The main menu of the program is displayed. This contains a “Borrow Books” button which is used to start the Borrow Book use case. The program is simply loaded in its default configuration. There is existing test data for members and books.

Post-conditions: The user is returned to the main menu of the program. At least one new loan is added to the relevant member, and the book’s status is updated to On\_Loan. A receipt is also printed.

Data required: Member ID, Book ID.

**2 – Borrowing Restricted Test**

Description: Within this test the “Borrow Book” use case is tested while the member attempting to borrow a book is restricted from borrowing. The test ensures the following steps can be executed without hindrance The borrow books button is pressed, the member id is input, the member’s overdue loans and any possible fines are displayed.

Pre-conditions: The main menu of the program is displayed. This contains a “Borrow Books” button which is used to start the Borrow Book use case. The program is simply loaded in its default configuration. There is existing test data for members and books which includes a member who is restricted from borrowing.

Post-conditions: The user is returned to the main menu of the program.

Data required: Member ID.