**USER ACCECPTANT TEST CASE**

**Script No 1:**

**Incorrect calculation of fines. When a book becomes overdue by one day, no fine is imposed.**

Description: Patron must be a registered in the system. Whenever Patron comes with a book that is need to return as well as already overdue by one day, system should have to show the fine amount of $1.00. If book is return before the due date, then no fine charge will applicable to Patron. In here system is showing $0.00 one day OVER DUE fine.

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| **Script 1: Incorrect calculation of fines. When a book becomes overdue by one day, no fine is imposed.** | |
| **Script Name** | When a Patron come up with a book to return that is already overdue by one day, no fine is imposed. It is reported as no fine for overdue. Fine amount will be zero. |
| **Use Case Tested:** | According to the use case, in order to pass it, overdue fine amount need be calculate correctly. Then it should be recorded in the respective file. |
| **Test Description:** | When Patron is allowed to pay overdue fine charges for borrowed books, the amount should add to library. In this scenario no any amount is added to profile. the cost of each is recorded as $0.00 |
| **Pre-conditions** | Patron should be a registered person, should have valid (NOT restricted) profile. Patron should have a valid loan of valid book. And need to return that book after that is already overdue by one day. (increment date option will help) |
| **Post-conditions** | All-important functionalities such as fee calculation should be working correctly. |

**USER ACCECPTANT TEST CASE**

**Script No: 2**

**Incorrect fine amount levied. When a fine is incurred, the amount of fine reported is half the amount intended.**

Description: Patron must be a registered in the system. Whenever Patron comes with a book that is need to return as well as already overdue by more than one day, system should have to show the fine amount of $1.00 \* (number of due dates). As per in this scenario, when Patron comes to return an overdue book that is 4 days due, system shows an incorrect fee of $2.00 (It should be $4.00). Further that is the amount of half the amount intended.

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| **Script 2: Incorrect fine amount levied. When a fine is incurred, the amount of fine reported is half the amount intended.** | |
| **Script Name** | When a fine is incurred, the amount of fine reported is half the amount intended. |
| **Use Case Tested:** | Overdue full fine amount need be calculate and recorded properly depend on the number of overdue days  (Overdue by 4 days then fine amount is  $1.00\*4=$4.00) |
| **Test Description:** | When borrower (Patron) having overdue fine, the fine amount should be calculated accordingly, but in this bug the half of the fine amount is added. (Not a full amount) |
| **Pre-conditions** | Patron should be a registered person, should have valid (NOT restricted) profile. Patron should have a valid loan of valid book. And need to return that book after that is already overdue by 4 days. (increment date option will help) |
| **Post-conditions** | All-important functionalities should work as expected. |