**USER ACCECPTANT TEST CASE**

**Script 1:**

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

Whenever Patron comes with a book that is needed to return as well as already overdue by one day, the system should have to show the fine amount of $1.00. If the book is returned before the due date, then no fine charge will be applicable to Patron. In here system is showing $0.00 as one day OVERDUE fine.

|  |  |
| --- | --- |
| **Incorrect calculation of fines. When a book becomes overdue by one day, no fine is imposed.** | |
| **Script Summary** | When a Patron comes 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. The fine amount is zero. |
| **Use Case Tested:** | According to the use case, the overdue fine amount needs be calculated 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 the library. In this scenario, no amount is added to the profile. the cost of each is recorded as $0.00 |
| **Pre-conditions** | The patron should be a registered person, should have a valid (NOT restricted) profile. The 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** | The Fee calculation should be working correctly. |

**Script 2:**

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

Description: Whenever Patron comes with a book that is needed to return as well as already overdue by more than one day, the 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, the system shows an incorrect fee of $2.00 (It should be $4.00). Further, that is the amount of half the amount intended.

|  |  |
| --- | --- |
| **Incorrect fine amount levied. When a fine is incurred, the amount of fine reported is half the amount intended.** | |
| **Script Summary** | When a fine is incurred, the amount of fine reported is half the amount intended. |
| **Use Case Tested:** | Overdue full fine amount need be calculated and recorded properly depend on the number of overdue days  (Overdue by 4 days then the fine amount is $1.00\*4=$4.00) |
| **Test Description:** | When the Patron having an 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** | The patron should be a registered person, should have a valid (NOT restricted) profile. The 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** | The Fee calculation should be working correctly. |