

BRSS

1.0 PayFine bug 1

Scenario 1.0: Paying a fine – bug 1

Scenario Description

- This scenario tests to check that the correct amount is returned when user wants to pay a fine.
- A defect was raised where users are being told a fine amount when they return an item, but when they try to pay, the amount is 3 times greater than they were originally quoted.

Version Control

Version #	Date	Author	Description
0.1	15/10/2022	Ty Saunders	Initial Draft
1.0	15/10/2022	Ty Saunders	Initial Version

Test Scripts

The following scripts will cover this scenario:

- 1.1 [Replicate Pay Fine overdue fine bug](#)

Use Case

- User returns an item late and wants to pay a fine.

Test Components / Requirements

This test scenario covers the following high-level test requirements (see scripts below for specific requirements covered by each test script):

- Need a patron with an overdue fee of 1 day:
- Take out a loan for the patron for 1 item
- Increment date 3 days to trigger a 1 day overdue fee
- Return the item and see a fee of \$1

BRSS

1.0 PayFine bug 1

Script 1.1: Pay Fine while overdue fine exists

Script Description

A user attempts to pay a fine after returning an item which is 1 day overdue

Testing Objective

This test script covers the following specific testing requirements:

- A member with an overdue item should have a fine of \$1 per day late, per item.

Setup

- A user has returned an item 1 day overdue and has had a fine added. This can be set up by:
 - Creating a loan for 1 item
 - Incrementing 3 days,
 - Return item – (damaged 'N').
 - Confirm you have the correct data first by typing 'LP' and pressing enter, and checking the fine amount:

```
Choice :  
LP  
  
Patron: 1  
Name: John Smith  
Email: dotcom  
Phone: 1234  
Fines Owed : $3.00
```

Test Data

<ul style="list-style-type: none">• Patron	<ul style="list-style-type: none">• PatronId: 1;• First Name: John;• Last Name: Smith;• Email: dotcom;• Phone: 1234• FinesOwed: (1 DAY FINE)
--	---

Teardown

Pay the fine to clear it from the patron account

BRSS

1.0 PayFine bug 1

Script Steps

Step #	Test Action	Expected Results	Pass/Fail	
1	Type P press enter	Pay Fine UI opens Choice : P Pay Fine Use Case UI Swipe patron card (press <enter> to cancel):	P	P
2	Type Patron number press enter:	Patron details and a fine of \$1 should appear. Swipe patron card (press <enter> to cancel): 1 Patron: 1 Name: John Smith Email: dotcom Phone: 1234 Fines Owed : \$1.00 Enter amount (<Enter> cancels) : If the fine is greater than \$1 then this is buggy.	F	P

Run 1 results:

FAILED.

Step 1:

Began with a patron with a 1-day overdue loan, returned the item and see the overdue fine correctly displayed as \$1:

BRSS

1.0 PayFine bug 1

```
Scan Item (<enter> completes): 1
Inspecting
Item: 1
  Type:   Book
  Title:  Yes
  Author: No
  CallNo: 1
  State:  ON_LOAN
Loan: 7
  Borrower 1 : John Smith
  Item 1 : Book
Yes
  DueDate: 23/10/2022
  State: OVER_DUE
  Fines: $1.00

Overdue fine : $1.00
Is item damaged? (Y/N): n

Overdue fine : $1.00
Total fines : $1.00
Return processing complete
```

Step 2:

Selected Pay Fine, the patron has \$3.00 in fines incorrectly:

```
Choice :
P
Pay Fine Use Case UI

Swipe patron card (press <enter> to cancel): 1
Patron: 1
  Name: John Smith
  Email: dotcom
  Phone: 1234
  Fines Owed : $3.00

Enter amount (<Enter> cancels) : |
```

Run 2 results:

PASSED.

Step 1:

Began with a patron with a 1-day overdue loan, returned the item and see the overdue fine correctly displayed as \$1:

BRSS

1.0 PayFine bug 1

```
above
  DueDate: 29/10/2022
  State: OVER_DUE
  Fines: $1.00

Overdue fine : $1.00

Is item damaged? (Y/N):
Overdue fine : $1.00

Total fines : $1.00
Return processing complete
```

Step 2:

Selected the Pay Fine option, the fine is now correctly displayed:

```
Swipe patron card (press <enter> to cancel): Patron: 1
  Name: John Smith
  Email: dotcom
  Phone: 1234
  Fines Owed : $1.00
```

Test Execution

Date/Time	Tester	Test ID	Test Phase	Status
15/10/2022	Ty Saunders	Ty	System Cycle 1	Failed
15/10/2022	Ty Saunders	Ty	BugFixed	Passed