

**Scenario:** The instructor adds a requirement to calculate fines for late returns.

**Change Request ID** : CR-001

**Description** : Add functionality to calculate a fine of \$1.00 per day for overdue books.

**Justification** : To encourage members to return books on time and generate revenue for library maintenance.

### **Impact Analysis - High Impact.**

1. **Database:** Need to add the `FineAmount` column to the Loan table.
2. **Code:** Logic update in `ReturnBook()` function to compare `ReturnDate` vs `DueDate`.
3. **UI:** Update "Return Screen" to display the fine amount.

**Decision - ACCEPTED**