

# Employee Loans Manual Test Case Designs

## Test Case 1: Apply for a Loan (Unapproved Loan Check)

**Objective:** Verify that applying for a loan adds it to the unapproved loans list.

Step No.	Steps	Expected Result
1	Log in to the banking system as a customer.	Successfully logged in.
2	Apply for a loan of 1000.	Loan application submitted successfully.
3	Check the unapproved loans list as an employee.	The list should contain one loan application.

## Test Case 2: Apply Multiple Loans (Invalid Unapproved Loan Check)

**Objective:** Verify that applying for multiple loans updates the unapproved loans count.

Step No.	Steps	Expected Result
1	Log in to the banking system as a customer.	Successfully logged in.
2	Apply for a loan of 1000.	Loan application submitted successfully.
3	Apply for another loan of 1200.	Second loan application submitted successfully.
4	Check the unapproved loans list as an employee.	The list should contain two loan applications.

### Test Case 3: Verify Loan Approval Status (Unapproved by Default)

**Objective:** Verify that newly applied loans are unapproved by default.

Step No.	Steps	Expected Result
1	Log in to the banking system as a customer.	Successfully logged in.
2	Apply for a loan of 1000.	Loan application submitted successfully.
3	Check the approval status of the loan.	The loan should be marked as unapproved.

### Test Case 4: Approve and Close Loan (Older Loan Check)

**Objective:** Validate the workflow of approving and closing a loan.

Step No.	Steps	Expected Result
1	Log in to the banking system as a customer.	Successfully logged in.
2	Apply for a loan of 1000.	Loan application submitted successfully.
3	Log in as an employee and approve the loan.	Loan is successfully approved.
4	Log in as a customer and pay off the loan in full.	The loan is marked as closed and moves to the closed loans list.

### Test Case 5: Validate Loan Approval

**Objective:** Verify that an approved loan reflects the correct approval status.

Step No.	Steps	Expected Result
1	Log in to the banking system as a customer.	Successfully logged in.
2	Apply for a loan of 1000.	Loan application submitted successfully.
3	Log in as an employee and approve the loan.	Loan approval status is updated to approved.

## Test Case 6: Empty Loans List

**Objective:** Verify that the unapproved loans list is empty when no loans are applied for.

Step No.	Steps	Expected Result
1	Log in to the banking system as an employee.	Successfully logged in.
2	Check the unapproved loans list.	The list should be empty.

## Test Case 7: Overpayment of Loan

**Objective:** Verify that attempting to overpay a loan results in an error.

Step No.	Steps	Expected Result
1	Log in to the banking system as a customer.	Successfully logged in.
2	Apply for a loan of 1000.	Loan application submitted successfully.
3	Log in as an employee and approve the loan.	Loan is successfully approved.
4	Log in as a customer and attempt to pay off 10,000 for the loan.	Error message "Payoff amount exceeded" is displayed.

## Test Case 8: Pay Off Loan Successfully

**Objective:** Verify that paying off a loan in full closes it.

Step No.	Steps	Expected Result
1	Log in to the banking system as a customer.	Successfully logged in.
2	Apply for a loan of 1000.	Loan application submitted successfully.
3	Log in as an employee and approve the loan.	Loan is successfully approved.
4	Log in as a customer and pay off the loan amount of 1000.	The loan is marked as closed.

## Test Case 9: Invalid Loan Payoff Amount

**Objective:** Verify that paying off a loan with an invalid (non-matching) amount results in an error.

Step No.	Steps	Expected Result
1	Log in to the banking system as a customer.	Successfully logged in.
2	Apply for a loan of 1000.	Loan application submitted successfully.
3	Log in as an employee and approve the loan.	Loan is successfully approved.
4	Log in as a customer and attempt to pay off an amount that does not match the loan balance.	Error message about invalid payoff amount is displayed.