Test No.	Target Method	Test Name	Purpose of Test	Test Data	Expected Result	Actual Result	Pass or Fail
1.	displayOptions	Displaying Options Main Menu	To determine whether selecting a specific integer outcome gives the desired result.	1. 1-4 2. 0, 5 3. Test	Upon entering a number given in the list it will redirect you to the desired outcome listed.	1. Displays the option corresponding to the number given. 2. Will ask you to try again. 3. Will ask you to try again.	Pass
2.	returnDisplayOptions	Displaying Return Options Return Menu	To determine whether selecting Yes or No gives the desired corresponding result.	1. Y/y 2. N/n 3. Test	Upon entering either Y or N regardless of it being lower or upper case will give the desired outcome listed.	1. Will return you to the Main Menu. 2. Will Save and Exit the application. 3. Will ask you to try again.	Pass
3.	loanDisplayOptions	Displaying Loan Options Loan Menu	To determine whether selecting a specific integer outcome gives the desired result.	1. 1-5 2. 0, 6 3. Test	Upon entering a number given in the list it will redirect you to the desired outcome listed.	1. Displays the option corresponding to the number given. 2. Will ask you to try again. 3. Will ask you to try again.	Pass
4.	newLoan	Entering a Barcode to create a New Loan	To determine if the Barcode entered is valid and can be used in a new loan.	1. 530038220 (Existing item and currently NOT on loan)	Upon entering a valid barcode, it will continue the method to create a new loan	1. Accepts the barcode and continues the method. 2. Declines the barcode as it is	Pass

				2. 25832497 (Existing item and currently on loan) 3. 0000 (non-existing item) 4. Test		currently on loan and restarts the method. 3. Declines the barcode as the item doesn't currently exist and restarts the method. 4. Declines the String as it doesn't match any item barcode and restarts the method.	
5.	newLoan	Entering a User ID to create a New Loan	To determine if the User ID entered is valid and can be used in a new loan.	1. B00447489 (User Exits) 2. B00000000 (User doesn't exist) 3. Test	Upon entering a valid User ID, it will continue the method to create a new loan	1. Accepts the User ID and creates a new loan. 2. Declines the User ID as the user doesn't exist and restarts the method. 3. Declines the String as it doesn't match any User ID and restarts the method.	Pass
6.	renewLoan	Entering a Barcode to renew a Loan	To determine if the Barcode entered is valid and can be	1. 340096334 (Type: Book, numRenews: 0)	Upon entering a valid barcode, it will renew a loan if its current number	1. Accepts the barcode and renews the loan	Pass

#	Method	Scenario	Description	Inputs	Expected	Actual	Result
			used to renew a current loan.	2. 433849131 (Type: Multimedia, numRenews: 2) 3. Test	of renews is less than the maximum dictated by the type of the item and set a new due date.	setting a new due date. 2. Declines the barcode as it has hit the maximum number of renews corresponding to its type and will return to the Loan Menu 3. Declines the string as it doesn't match any barcode and returns to the Loan Menu	
7.	returnLoan	Entering a Barcode to return a loan	To determine if the Barcode entered is valid and can be used to return a current loan.	1. 340096334 (Currently on loan) 2. 4021045 (Currently NOT on loan) 3. Test	Upon entering a valid barcode, it will return the item by deleting its corresponding record.	1. Accepts the barcode as it is currently on loan, returns the item by deleting it from loans and returns the loan and displays the Return Menu 2. Declines the barcode and returns to the Loans Menu 3. Declines the string as it doesn't match	Pass

					any barcode and returns to the Loans Menu	