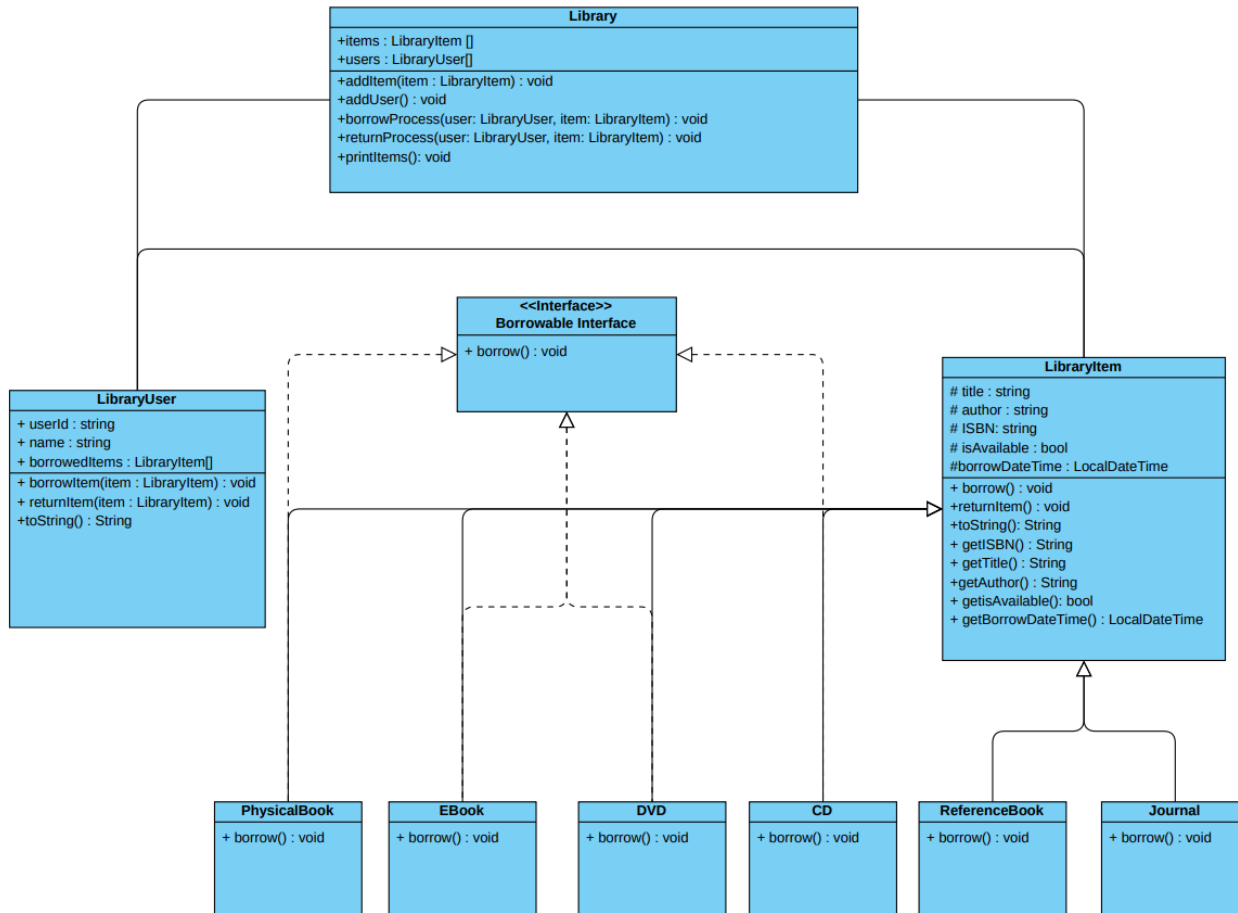


# Class Diagram

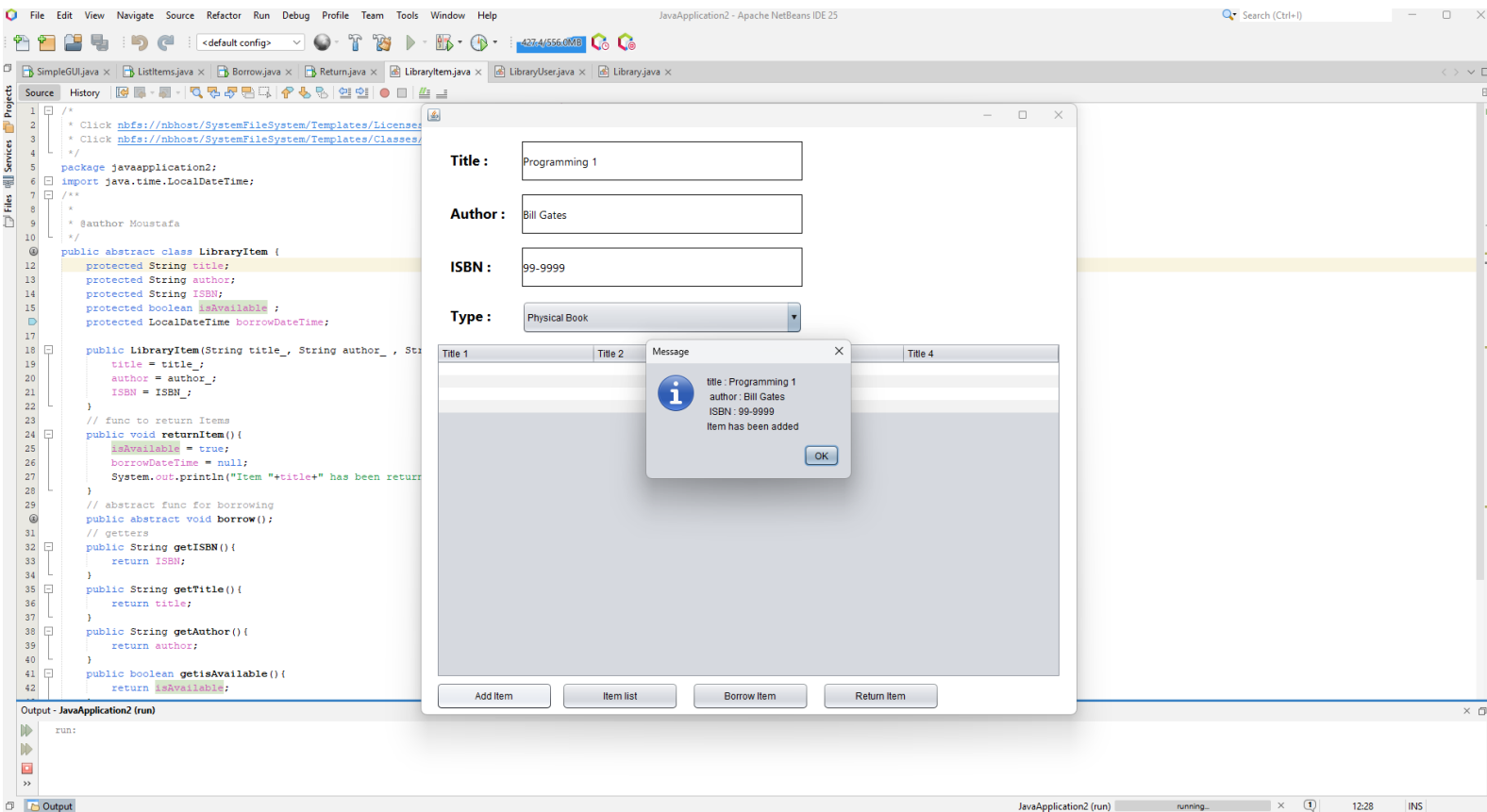


# Report

Input	Output	Result	Pass or Fail
Title : Programming 1 Author : Bill Gates ISBN : 99-9999 Type : Physical Book	Message with item details and that item has been added	Message with item details and that item has been added	
Click on borrow Item User Id : 20236094 Name : Mostafa Raafat Click on the desired item Click borrow	Message with item details and has been borrowed with user details	Message with item details and has been borrowed with user details	
Click on Return Item Click on the user desired Choose Item to be returned Click Return Item	Message that Item has been returned	Message that Item has been returned	
Click on borrow Item User Id : 20236103 Name : Moneer Magdy Click on an unborrowable item Click borrow	Message that the item is not available to borrow	Message that the item is not available to borrow	
Click on item list	All items in the system must be shown with their current state	All items in the system must be shown with their current state	

# ScreenShots

## Test Case 1:



## Test Case 2 :

Library Management System.docx - Word

Home Insert Draw Design Layout References Mailings Review View MathType Help Table Design Table Layout Tell me what you want to do

Calibri (Body) 12 A A A Font B I U abc x x Paragraph Styles

Find Replace Select Add-ins Editing Add-ins

# Report

Input	Output	Result
Title : Programming 1 Author : Bill Gates ISBN : 99-9999 Type : Physical Book	Message with item details and that item has been added	Message with item details and that item has been added
Click on borrow Item User Id : 20236094 Name : Mostafa Raafat Click on the desired item Click borrow	Message with item details and has been borrowed with user details	Message with item details and has been borrowed with user details
Click on Return Item		

enShots

Message

title : Programming 1  
author : Bill Gates  
ISBN : 99-9999  
has been borrowed by Name : Mostafa Raafat  
Userid : 20236094

OK

Borrow Back

Page 1 of 3 2 of 92 words English (United States) Accessibility Investigate

8:09 3/21/2023

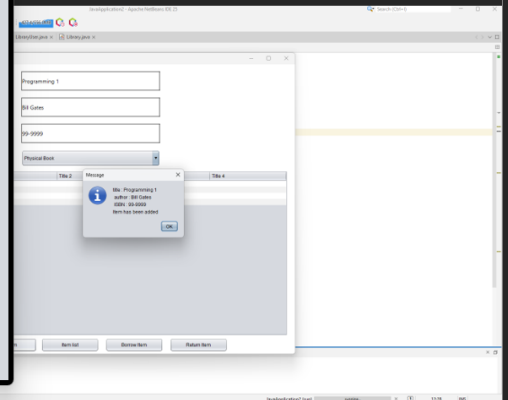
### Test Case 3 :

Input	Output	Result
<p>Title : Programming 1</p> <p>Author : Bill Gates</p> <p>ISBN : 99-9999</p> <p>Type : Physical Book</p>	Message with item details and that item has been added	Message with item details and that item has been added
<p>Click on borrow Item</p> <p>User Id : 20236094</p> <p>Name : Mostafa Raafat</p> <p>Click on the desired item</p> <p>Click borrow</p>	Message with item details and has been borrowed with user details	Message with item details and has been borrowed with user details
<p>Click on Return Item</p> <p>Click on the user desired</p> <p>Choose Item to be returned</p> <p>Click Return Item</p>	Message that Item has been returned	Message that Item has been returned

The screenshot displays a library management application window. At the top, there are input fields for 'User Id' (containing '20236094') and 'Items' (containing 'Programming 1'). Below these is a 'Name' field with 'Mostafa Raafat'. A table below the fields shows the user and item details:

User Id	Name
20236094	Mostafa Raafat

A modal message box is centered on the screen with the title 'Message'. It contains an information icon (a lowercase 'i' inside a blue circle) and the text 'Item has been successfully returned'. An 'OK' button is located at the bottom right of the message box. At the bottom of the application window, there are two buttons: 'Return Item' and 'Back'.



## Test Cases 4:

Library Management System.docx - Word

File Home Insert Draw Design Layout References Mailings Review View MathType Help Table Design Table Layout Tell me what you want to do

Calibri (Body) 12 A Aa Font B I U abc x x Paragraph Styles

Report

Input	Output
Title : Programming 1 Author : Bill Gates ISBN : 99-9999 Type : Physical Book	Message with item details and that item has been added
Click on borrow Item User Id : 20236094 Name : Mostafa Raafat Click on the desired item Click borrow	Message with item details and has been borrowed with user details
Click on Return Item Click on the user desired Choose Item to be returned Click Return Item	Message that item has been returned
Click on borrow Item User Id : 20236103 Name : Moneer Magdy Click on an unborrowable item Click borrow	Message that the item is not available to borrow

Message

title : AL-Ahram  
author : Abdel-baset  
ISBN : 99-9998  
is not available to borrow

OK

Borrow Back

Page 1 of 4 2 of 162 words English (United States) Accessibility: Investigate

## Test Case 5 :

Library Management System.docx - Word

Mostafa Raafat

# Report

Input	Output
Title : Programming 1 Author : Bill Gates ISBN : 99-9999 Type : Physical Book	Message with item details and that item has been added
Click on borrow Item User Id : 20236094 Name : Mostafa Raafat Click on the desired item Click borrow	Message with item details and has been borrowed with user details
Click on Return Item Click on the user desired Choose Item to be returned Click Return Item	Message that Item has been returned
Click on borrow Item User Id : 20236103 Name : Moneer Magdy Click on an unborrowable item Click borrow	Message that the item is not available to borrow
Click on item list	All Items in the system must be shown with their current state

Title	Author	ISBN	Available?	borrowDate
Don Quixote	Miguel de Cervantes	99-99999	false	2025-03-21T21:28...
Alice's Adventures in...	Lewis Carroll	99-99998	false	2025-03-21T21:28...
The Adventures of H...	Mark Twain	99-99997	true	
The Scarlet Letter	Nathaniel Hawthorne	99-99996	true	
Dracula	Bram Stoker	99-99995	false	2025-03-21T21:29...
Moby Dick	Herman Melville	99-99994	false	2025-03-21T21:29...
The Hobbit, or, Ther...	J.R.R. Tolkien	99-99993	true	
English Dictionary	Oxford	99-99992	false	
English Dictionary	Cambridge	99-99991	false	

Back

## ScreenShots

The screenshot shows the Library Management System application. A message box is displayed in the foreground, indicating that the item has been added successfully. In the background, a list of books is visible, including titles like 'Don Quixote', 'Alice's Adventures in Wonderland', 'The Adventures of Huckleberry Finn', 'The Scarlet Letter', 'Dracula', 'Moby Dick', 'The Hobbit, or, There and Back Again', 'English Dictionary', and 'English Dictionary'. The application interface includes a search bar, a list of books, and a 'Back' button.