

-Use Case Analysis for “add a new book ” function

Use Case Name:	Adding a New Book.	
Actor:	Librarian.	
Description:	This use case describes the process of a librarian adding a new book to the library's collection.	
Typical Course of Events:	Actor Action	System Response
	<p>Step1: The Librarian navigates to the "Add New Book" section of the library management system.</p> <p>Step 3: The Librarian enters the required information about the new book into the system.</p> <p>Step 5: Once the information is entered and validated, the Librarian confirms the addition of the new book to the system.</p> <p>Step 7: The system updates the inventory records to reflect the addition of the new book, including quantity available, location, and any other relevant details.</p>	<p>Step 2: The system displays a form or prompts the Librarian to input the details of the new book, such as ISBN, title, author, genre, publication date, etc.</p> <p>Step 4: The system validates the entered information to ensure it meets the required criteria.</p> <p>Step 6: The system adds the new book to the library's collection and assigns it a unique identifier.</p>
Alternate Courses:	<p>Step1: If the Librarian enters invalid or incomplete information, the system displays an error message and prompts the Librarian to correct the input.</p> <p>Step2: At any point before confirming the addition, the Librarian may choose to cancel the process, returning to the previous screen or exiting the "Add New Book" section altogether.</p>	

Precondition:	<ul style="list-style-type: none">• The Librarian is logged into the library management system.• The Librarian has appropriate permissions to add new books to the system.
Postconditions:	-The new book is successfully added to the library's collection.