

# Library Management System

Our Library management System perform some functionalities like we can add new book in it, update the already added book, delete the book, show all the book which are in stock and also we can search book with respect to it's title.

Below are the Screenshots of Complete Functionalities of this System.

## UI of Library Management System:

We have form from there we can add book to over Library Management System and below are three button which perform their respective functionality.

The screenshot displays the user interface of a Library Management System. On the left, there is a 'BookForm' section with input fields for 'Title:', 'AName:', and 'Pub Year:', along with a 'Submit' button. To the right, a table titled 'Library Management System' lists books with columns for ID, Title, Author, and Year. Below the table, there are buttons for 'Delete Row', 'Update Row', and a 'Search' button with an adjacent input field.

ID	Title	Author	Year
1	science	william	20
2	maths	antony	2020
26	test	test	14
27	fiction	joerd	13
28	physics	newton	19
29	novel	zoe	12
30	maths	test	14

## Add new book:

First fill the book form which you want to add here I added the book with **title** Urdu and vice versa.

**BookForm**  
Title:   
AName:   
Pub Year:

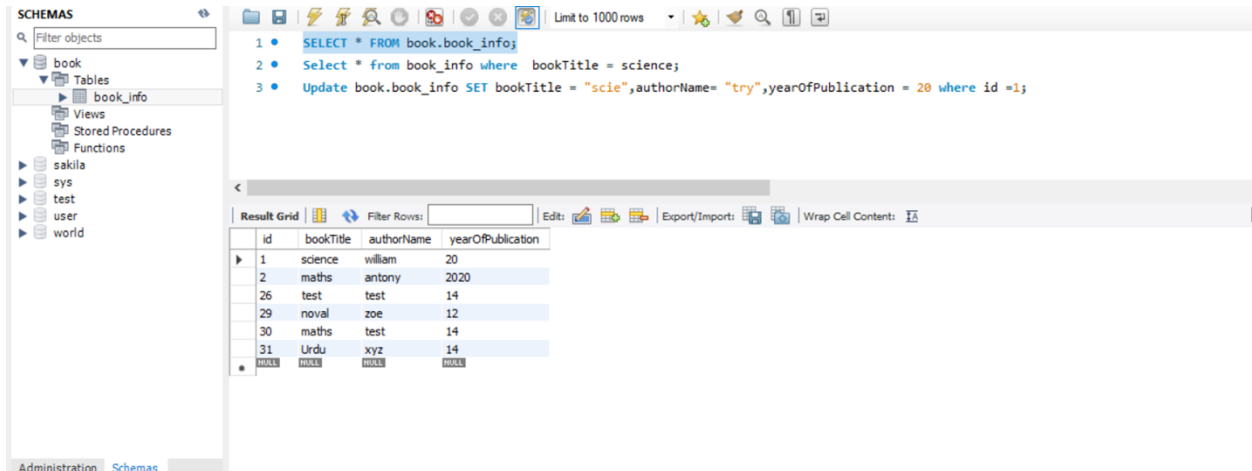
ID	Title	Author	Year
1	science	william	20
2	maths	antony	2020
26	test	test	14
29	novel	zoe	12
30	maths	test	14

After pressing submit button the book is directly added in database and also it's shown in over table (LMS).

**BookForm**  
Title:   
AName:   
Pub Year:

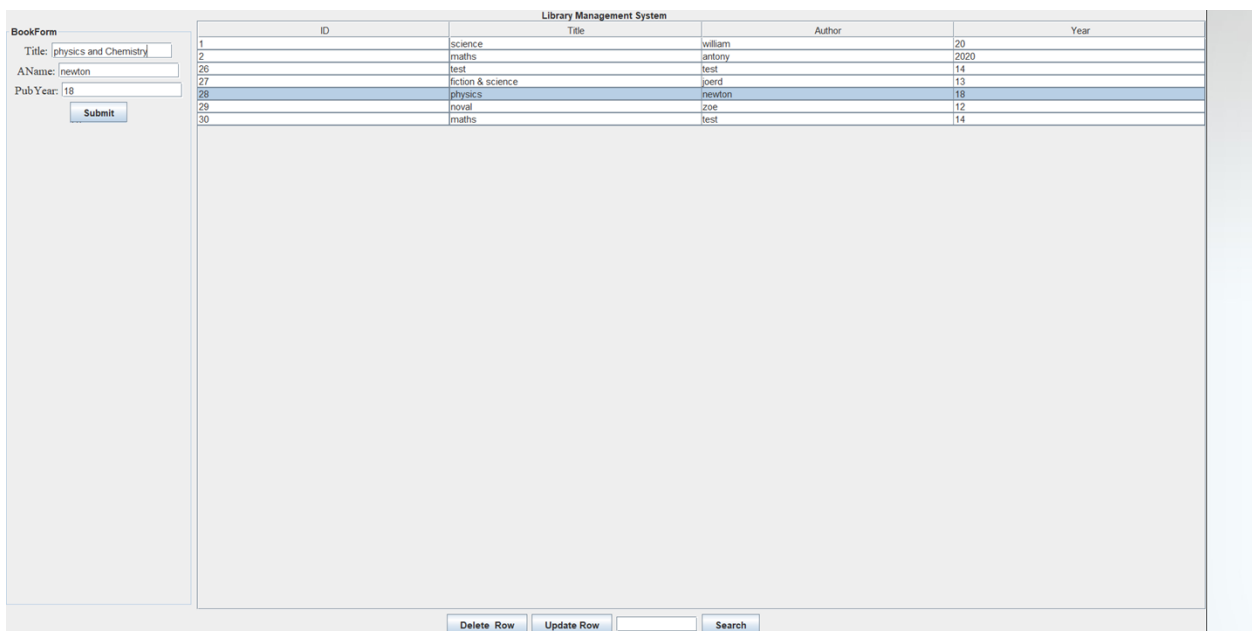
ID	Title	Author	Year
1	science	william	20
2	maths	antony	2020
26	test	test	14
29	novel	zoe	12
30	maths	test	14
31	Urdu	xyz	14

Here below is the screenshot of Database where new book with title **Urdu** is added in it.



## Update book:

First we need to select the book which we want to update then after selection press update button then the Book form fields are filled with required field .In overcase we want to update the **Physics Book** and change the title of Physics to **Physics & Chemistry**



After pressing submit button the book is updated in Table and also it's updated in Database.

Library Management System			
ID	Title	Author	Year
1	science	william	20
2	maths	antony	2020
26	test	test	14
27	fiction & science	joerd	13
28	physics and Chemistry	newton	18
29	noval	zoe	12
30	maths	test	14

## Delete book:

In this case first we need to select the row like this i am selecting a row with id 28.

Library Management System			
ID	Title	Author	Year
1	science	william	20
2	maths	antony	2020
26	test	test	14
28	physics and Chemistry	newton	18
29	noval	zoe	12
30	maths	test	14

After clicking delete button the selected row is deleted from over table and also from DB.

Library Management System			
ID	Title	Author	Year
1	science	william	20
2	maths	antony	2020
28	test	test	14
29	noval	zoe	12
30	maths	test	14

## Search book:

We have search bar which is used to search book with respect to its title. In this case we search the book With title science.

Library Management System			
ID	Title	Author	Year
1	science	william	20
2	maths	antony	2020
28	test	test	14
29	noval	zoe	12
30	maths	test	14

BookForm

Title:

AName:

Pub Year:

Submit

Delete Row

Update Row

science

Search

After clicking search button the selected row is shown in table.

Library management system

ID	Title	Author	Year
1	science	william	20

Submit

Delete Row Update Row science Search