

LIBRARY BOOK RESERVATION APP

EXPERIMENT -5

AIM:

To Create a simple cloud software application on Library Book Reservation and provide it as a service using any Cloud Service Provider to demonstrate Software as a Service (SaaS)

PROCEDURE:

1. Go to <https://creator.zoho.com> on your browser. If you already have a Zoho account, click **Sign In** and enter your details; if not, click **Sign Up Now** and create a new account by following the on-screen instructions.
2. Once logged in, you'll be taken to your Zoho Creator dashboard. Look for the **Create Application** button (usually on the homepage or top-right corner) and click on it to start building your app.
3. You'll see options to create using a template, import data, or start fresh. Choose **Create from Scratch** so you can build the app exactly the way you want, without any predefined structure.
4. A prompt will appear asking you to name your application. Enter a meaningful name like "**Library Book Reservation App**", then click the **Create** button to proceed.
5. Inside your new app workspace, click on **Create New Form** to design your first data entry form. Give your form a descriptive name that matches what data you plan to collect.
6. Use the form builder to add fields by dragging and dropping from the left panel. You can add text fields, date pickers, number fields, dropdowns, and more, renaming each field as needed to match your data requirements.
7. After arranging and customizing all the fields, click the **Done** button (usually at the top-right) to save your form. This ensures your design is stored and ready to be used.
8. Zoho Creator will now automatically create a report linked to your form. This report usually appears as a table view where you can see and manage all the submitted data entries.
9. Finally, click on **Access this Application** (often shown as a green button or link) to preview and test your app. Try adding a sample record to see how your form and report work together.

FORM 1:

library book reservation for simats library

Trial expires in 12 days Upgrade Edit this application Help

library book reservation for sl...

Books

books

All Books

Users

Reservations

books

Borrower Name

First NameLast Name

Borrower Phone Number

+91 81234 56789

Borrower Email

Book Id

Return Date

dd-MMM-yyyy

Fine Amount

₹₹,₹₹,₹₹₹₹

Submit

Reset

library book reservation for simats library

Trial expires in 12 days Upgrade Edit this application Help

library book reservation for sl...

Books

books

All Books

Users

Reservations

All Books

	Book Id	Return Date	Fine Amount	Borrower Email	Borrower Name	Borrower Phone Number
	123	04-Sep-2025	₹ 130.00	megha@gmail.com	megha	+9189651306281
	121	27-Aug-2025	₹ 80.00	kiran@gmail.com	kiran	+91876954327
	121	03-Sep-2025	₹ 100.00	udat@gmail.com	uday	+916302645580

Showing 3 of 3

FORM 2:

library book reservation for simats library

Trial expires in 12 days Upgrade Edit this application Help

library book reservation for sl...

Books

Users

user

All Users

Reservations

USER

Name

First NameLast Name

Phone

+91

81234 56789

age

#####

Email

Submit

Reset

library book reservation for sl...

Trial expires in 12 days Upgrade Edit this application Help

library book reservation for sl...

Books

Users

user

All Users

Reservations

All Users

Name

Phone

Email

age

megha

+9165719910

megha@gmail.com

32

sasi

+916593817859136

sasi@gmail.com

45

kiran

+915157729156

mnhgfre@gmail.com

23

uday

+9169315168

uday@gmail.com

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FORM 3:

The screenshot shows a web application interface for a library book reservation system. On the left is a dark sidebar with a menu containing 'Books', 'Users', 'Reservations', and 'reservation' (highlighted in blue). Below the menu is a 'KARNAT' logo. The main content area is titled 'reservation' and contains a form with the following fields: 'Name' (split into 'First Name' and 'Last Name'), 'Email', 'Phone' (with a dropdown for country code, currently showing '+91'), 'User Id', 'Book Title', and 'Date' (with a date picker showing 'dd-MMM-yyyy'). At the bottom of the form are 'Submit' and 'Reset' buttons. The browser's address bar shows the URL: 'https://creatorapp.zoho.in/zoho/192425211.simats sav/library-book-reservation-for-simats-library/#Form:reservation'.

The screenshot shows the 'All Reservations' view of the application. The sidebar is identical to the previous screenshot, but the 'All Reservations' button is highlighted. The main content area displays a table with the following data:

<input type="checkbox"/>	User Id	Book Title	Date	Email	Name	Phone
<input type="checkbox"/>	user3452	rkwg	12-Aug-2025	sai@gmail.com	sasi	+9178965437
<input type="checkbox"/>	1890	vyyu	04-Aug-2025	mnhgfre@gmail.com	kiran	+91631452528
<input type="checkbox"/>	1267	kkk	02-Aug-2025	uday@gmail.com	uday mustaq	+917075046115
<input type="checkbox"/>					uda	

At the bottom of the table, it says 'Showing 4 of 4'.

RESULT:

Thus, the app is created on Zoho Creator and it has been tested and verified to ensure everything runs smoothly.