

# 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:

Reservation

User

-Select-

Book

-Select-

Reservation Date

dd-MMM-yyyy HH:mm:ss

Due Date

dd-MMM-yyyy HH:mm:ss

Status

-Select-

Submit

Reset

All Reservations

<div><div></div></div>	Reservation Id	User	Book	Reservation Date	Due Date	Status
	5	5	5	30-Jul-2025 13:00:00	04-Sep-2025 21:00:00	Pending
	4	5	3	30-Jul-2025 12:00:00	03-Sep-2025 20:00:00	Cancelled
	3	2	5	30-Jul-2025 11:00:00	02-Sep-2025 19:00:00	Confirmed
	2	5	4	30-Jul-2025 10:00:00	01-Sep-2025 18:00:00	Pending
	1	5	3	30-Jul-2025 09:00:00	31-Aug-2025 17:00:00	Confirmed

FORM 2:

User

Name

First Name

Email

Phone Number

+91

80034 56789

Address

Address Line 1

User Type

-Select-

Date Of Birth


dd-mm-yy

Submit

Reset

All Users

Q + ...

	User Id	Name	Email	Phone Number	Address	User Type	Date Of Birth
	5	Benjamin White	benjaminwhite@gmail.com	+19346854541	887 Elm St	Staff	10-Mar-2025
	4	Isabella Hall	isabellahall@gmail.com	+17124862196	654 Pine St	Staff	15-Apr-2025
	3	Alexander Kim	alexanderkim@gmail.com	+18378872942	321 Oak St	Student	20-May-2025
	2	Olivia Lee	olivialee@gmail.com	+18582368842	789 Maple St	Student	25-Jun-2025
	1	Emily Wilson	emilywilson@gmail.com	+19369381545	456 Cedar St	Student	30-Jul-2025

## FORM 3:

Book

Title:

Author:

Publisher:

Publication Date:

Isbn:

Category:

Status:

All Books

<input type="checkbox"/>	Book Id	Title	Author	Publisher	Publication D...	Isbn	Catego...	Status
	5	Pride and Prejudice	Jane Austen	Thomas Egerton	10-Mar-2025	3333333333	History	Reserved
	4	The Catcher in the Rye	J.D. Salinger	Little, Brown and Company	15-Apr-2025	2222222222	Technology	Borrowed
	3	To Kill a Mockingbird	Harper Lee	J.B. Lippincott & Co.	20-May-2025	1111111111	Biography	Available
	2	The Great Gatsby	F. Scott Fitzgerald	Charles Scribner's Sons	25-Jun-2025	9876543210	Biography	Reserved
	1	Harry Potter and the Philosopher's Stone	J.K. Rowling	Bloomsbury Publishing	30-Jul-2025	1234567890	Science	Reserved

## RESULT:

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