

SIMATS LIBRARY RESERVATION SYSTEM APP

EXPERIMENT -5

AIM:

Create a simple cloud software application for Library book reservation system for SIMATS library using any Cloud Service Provider to demonstrate 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 "**Simats Library Reservation System App**" or any name that suits your purpose, 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

Student

-Select-

Book

-Select-

Reservation Date

dd-MMM-yyyy HH:mm:ss

Return Date

dd-MMM-yyyy HH:mm:ss

Status

-Select-

Submit

Reset

All Reservations

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<div><div></div><div></div></div>	Reservation Id	Student	Book	Reservation Date	Return Date	Status
	5	1	3	30-Jul-2025 13:00:00	30-Jul-2025 21:00:00	Returned
	4	1	4	30-Jul-2025 12:00:00	30-Jul-2025 20:00:00	Returned
	3	4	5	30-Jul-2025 11:00:00	30-Jul-2025 19:00:00	Reserved
	2	3	3	30-Jul-2025 10:00:00	30-Jul-2025 18:00:00	Returned
	1	5	5	30-Jul-2025 09:00:00	30-Jul-2025 17:00:00	Overdue

FORM 2:

Fine

Student

-Select-

Reservation

-Select-

Fine Amount

#####.##

Fine Date

dd-MMM-yyyy HH:mm:ss

Submit


Reset

Fine Report

<div><div></div><div></div><div></div></div>	Student	Reservation	Fine Amount	Fine Date
	4	3	\$ 4.00	30-Jul-2025 18:00:00
	3	3	\$ 2.50	30-Jul-2025 17:20:00
	1	1	\$ 7.75	30-Jul-2025 16:10:00
<div><div></div><div></div><div></div></div>	2	5	\$ 5.25	30-Jul-2025 15:45:00
	4	3	\$ 10.50	30-Jul-2025 14:30:00

FORM 3:







Student

Name	<input type="text"/>
	First Name
Email	<input type="text"/>
Phone Number	<div> +91 <input type="text" value="81234 56789"/></div>
Address	<input type="text"/>
	Address Line 1
Date Of Birth	<input type="text" value="dd-MMM-yyyy"/>
Student Id Number	<input type="text" value="#####"/>

SubmitReset

All Students



	<input type="checkbox"/>	Student Id	Name	Email	Phone Number	Address	Date Of Birth	Student Id Number
		5	Benjamin White	benjaminwhite@gmail.com	+18035924440	 678 Cypress St	15-May-2009	5678901234
		4	Isabella Hall	isabellahall@gmail.com	+17267013154	 345 Fir St	28-Aug-2008	4567890123
		3	Alexander Kim	alexanderkim@gmail.com	+19566646536	 890 Spruce St	12-Jan-2007	3456789012
		2	Olivia Lee	olivialeee@gmail.com	+17719798559	 567 Walnut St	18-Mar-2006	2345678901
		1	Emily Wilson	emilywilson@gmail.com	+17042465049	 901 Cedar St	25-Jun-2005	1234567890

RESULT:

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