

EXPERIMENT – 5

Create a simple cloud software application for Library book reservation system for SIMATS library using any Cloud Service Provider to demonstrate SaaS.

AIM: To create and provide a simple cloud-based software application for Library book reservation system for SIMATS library using Zoho Creator to demonstrate the Software as a Service (SaaS) model.

PROCEDURE:

1. Open a web browser and go to Zoho Creator website.
2. Create a Zoho account and log in.
3. Click on Create Application and select From Scratch.
4. Choose Blank App and provide the application name as SIMATS Library book reservation system.
5. Create a form named Membership and add fields such as Name, Phone, Email, College, Position and a checkbox for agreement.
6. Create another form named Book Reservation and add fields such as Name, Membership ID, Library name, Book ID, Date of Borrow, Date of Return and a checkbox for Terms and Conditions.
7. Mark the necessary fields as mandatory.
8. Save the completed form and alter the visual themes.
9. Configure user access and sharing settings to allow multiple users to use the application.
10. Save the application and generate the application URL.
11. Access the application through the URL using any web browser.

OUTPUT:

SIMATS Library Book Reservation System Development

View as -MySelf- Trial expires in 14 days Upgrade Edit this application Help

Memberships Book Reservations

Membership

Name * Shaik Jabbar Basha
First Name Last Name

Email * basha@gmail.com

Phone +91 1234567890

College * SIMATS Engineering

Position * Undergraduate Student

I am a part of SIMATS Institution *

Submit

SIMATS Library Book Reservation System Development

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Memberships Book Reservations

All Memberships

①	Name	Email	Phone	College	Position	I am a part of SIMATS Institution
	N. V Sandeep	sandeep@gmail.com	+919876054321	Saveetha College of Pharmacy	Postgraduate Student	true
	Shaik Jabbar Basha	basha@gmail.com	+911234567890	SIMATS Engineering	Undergraduate Student	true

Showing 2 of 2

SIMATS Library Book Reservation System Development

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Memberships Book Reservations

Book Reservation

Name Shaik Jabbar Basha
First Name Last Name

Membership ID * 1923121212

Library Name SAIL Library

Book ID * 456321

Date of Borrow 18-Dec-2025

Date of Return 25-Dec-2025

I agree to pay the fine incase of damage to the book or if lost, and take full responsibility to it *

Submit

The screenshot shows a web-based application interface for a library reservation system. At the top, there's a header bar with various icons and text including "SIMATS Library Book Reservation System Development", "View as -MySelf-", "Trial expires in 14 days", "Upgrade", "Edit this application", and "Help". Below the header, the main title is "SIMATS Library Book Reservation System". A navigation bar has two tabs: "Memberships" and "Book Reservations", with "Book Reservations" being the active tab. The main content area is titled "All Book Reservations" and displays a single row of data in a table format. The columns are: Name, Membership ID, Library Name, Book ID, Date of Borrow, Date of Return, and a checkbox for "I agree to pay the fine incase of damage". The data row shows: Shaik Jabbar Basha, 1923121212, SAIL Library, 456321, 18-Dec-2025, 25-Dec-2025, and true. There are also search, add, and more options buttons at the top right of the table. At the bottom left, it says "Showing 1 of 1".

RESULT:

A cloud-based Library book reservation system for SIMATS library was successfully created and deployed using Zoho Creator. The application is accessible through a web browser without installation, and users can sign up for membership and reserve books, thereby successfully demonstrating the Software as a Service (SaaS) model.