

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.
8. Mark the necessary fields as mandatory.
9. Save the completed form and alter the visual themes.
10. Configure user access and sharing settings to allow multiple users to use the application.
11. Save the application and generate the application URL.
12. Access the application through the URL using any web browser.

OUTPUT:

SIMATS Library Book Reservation SystemDevelopment

View as-MySelf-

Trial expires in14 daysUpgrade

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SIMATS Library Book Reservation System

SHAIK. JABBAR BASHA

MembershipsBook Reservations

Membership

Name *

Shaik

Jabbar Basha

First NameLast Name

Email *

basha@gmail.com

Phone

+91 • 1234567890

College *

SIMATS Engineering

Position *

Undergraduate Student

☒ I am a part of SIMATS Institution *

Submit

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SIMATS Library Book Reservation System

SHAIK. JABBAR BASHA

MembershipsBook Reservations

All Memberships

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

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SIMATS Library Book Reservation System

SHAIK. JABBAR BASHA

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Book Reservation

Name

Shaik

Jabbar Basha

First NameLast 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

SIMATS Library Book Reservation System

Development

View as

-MySelf-

Trial expires in

14 days

Upgrade

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Help

SIMATS Library Book Reservation System

SHAIK. JABBAR BASHA

Memberships

Book Reservations

All Book Reservations

+

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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.