

EXPERIMENT 5

Aim

To design and deploy a **cloud-based Library Book Reservation System** for the **SIMATS Library** using **Zoho Creator**, thereby demonstrating the concept of **Software as a Service (SaaS)**.

Procedure:

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1. Login to Zoho Creator using your Zoho account.
2. Create a new application → Select “Create from Scratch.”
3. Name the Application: *SIMATS Library Reservation System*.
4. Design Forms:
 - Book Details Form (Admin use): Book ID, Title, Author, Department, Availability (Yes/No).
 - Student Reservation Form: Student Name, Register Number, Email, Book Selection (lookup from Book Details), Reservation Date.
5. Create Reports:
 - *Available Books Report* → Displays list of books with status.
 - *Reservation Report* → Shows which student reserved which book.
6. Workflow Automation (Optional):
 - Send a confirmation email to the student when a reservation is placed.
 - Notify librarian when a book is reserved.
7. Publish the Application → Share link with SIMATS students.
8. Test the Application by making a sample reservation as a student.

Output:

simats library	All Student Details				Q + ...
	Student Details	Student Name	Phone Number	college mail-id	Grade
	student details	Nisha kannan	+91123456780	1234@gmail.com	Grade5
All Student Details					
book choosen					
Exits					

simats library	All Exits		Q + ...
	Student Id	Exit Time	
	1234	2:30 pm	
All Exits			
exit			

simats library	book choosen Report					Q + ...
	Book Id	Author	Book Title	Student Id	Due Date	
	567	williamson	the life of pi	1234	21.08.2025	
book choosen Report						
Exits						

Result:

A cloud-based Library Book Reservation System for SIMATS Library was successfully developed using Zoho Creator. Students can reserve books online, and the librarian can manage reservations via the cloud dashboard. This demonstrates the concept of Software as a Service (SaaS), where applications are hosted on the cloud and delivered online without installation.