### **EXPERIMENT 5**

#### Aim

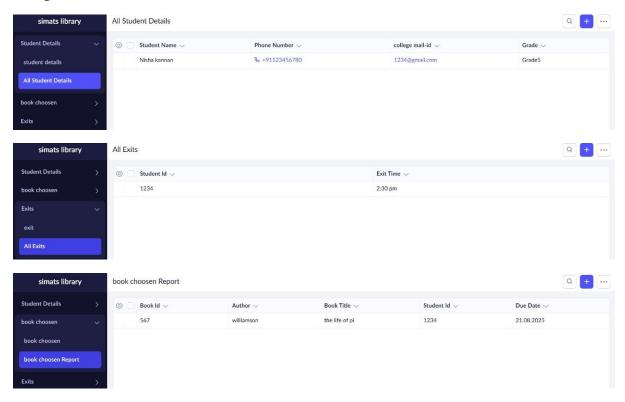
To design and deploy a cloud-based Library Book Reservation System for the SIMATS Library using Zoho Creator, thereby demonstrating the concept of Software as a Service (SaaS).

## **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:
  - o Available Books Report  $\rightarrow$  Displays list of books with status.
  - o *Reservation Report* → Shows which student reserved which book.
- 6. Workflow Automation (Optional):
  - o Send a confirmation email to the student when a reservation is placed.
  - Notify librarian when a book is reserved.
- 7. Publish the Application  $\rightarrow$  Share link with SIMATS students.
- 8. Test the Application by making a sample reservation as a student.

# **Output:**



## **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.