

Ex. No. 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 a simple cloud software application for Library book reservation system for SIMATS library using any Cloud Service Provider to demonstrate SaaS.

Procedure:

Step 1: Go to zohocreator.com.

Step 2: Log into zohocreator.com.

Step 3: Select one application step.

Step 4: Enter application name as Library book reservation system.

Step 5: Created a new application Library book reservation system.

Step 6: Select one form

Step 7: The software has been created.

Implementation:

The screenshot shows the Zoho Creator interface for creating a 'Membership Form' under the 'Library Book Reservation System'. The left sidebar lists various field types: Name, Email, Address, Phone, Single Line, Multi Line, Number, Date, Time, Drop Down, Radio, and Multi Select. The main workspace displays a form with fields for Name, ID, Date of birth, Notes, Occupation, Phone Number, Email, and two checkboxes for library usage and access sections. On the right, the 'Field Properties' panel is open, showing settings for the 'Name' field, including 'Field name' (Name), 'Field link name' (Name), validation (Mandatory checked), display fields (Prefix, First Name, Last Name, Suffix), data privacy (Contains personal data (PII) checked), and data security (Data encryption is not supported).

The screenshot displays a web-based form builder interface for a 'Library Book Reservation System'. The main workspace shows a 'Membership Form' with the following fields:

- Name: Two input fields for First Name and Last Name.
- ID: A single input field.
- Date of birth: A date input field with a placeholder 'dd-MM-yyyy' and a validation message 'Please enter a valid date'.
- Occupation: A dropdown menu labeled 'Select-'.
- Phone Number: An input field showing '+91 81234 56789' with a country code icon.
- Email: An input field.

Below these fields are two sections of checkboxes:

- 'What would you use the library for?': Options include Reference, In-house reading, and Borrowing.
- 'Which sections of the library would you like access to?': Options include All, Magazines, Fiction, Non-Fiction, Electronic, and Research & Reference.

The right side of the interface features a 'Form Customization - Web' section with a 'Label placement' tab. It shows four preview cards illustrating different layout configurations for the form fields.

Result:

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