

**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](https://zohocreator.com).

**Step 2:** Log into [zohocreator.com](https://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 displays the Zoho Creator interface for a 'Library Book Reservation System Membership Form'. The interface is divided into three main sections: a 'Basic Fields' sidebar on the left, a central form editor, and a 'Field Properties' sidebar on the right.

**Basic Fields:** This sidebar contains various field types categorized into 'Name', 'Email', 'Address', 'Phone', 'Single Line', 'Multi Line', 'Number', 'Date', 'Time', 'Drop Down', 'Radio', and 'Multi Select'. A 'Check' field is also visible at the bottom.

**Form Editor:** The central area shows the form layout. It includes fields for 'Name', 'ID', 'Date of birth', 'Occupation', 'Phone Number', 'Email', and a 'Declaration' section with two checkboxes: 'Accept responsibility for the return of any borrowed item by the due date.' and 'I am aware any items lost, defaced, damaged or not returned by me will incur a replacement cost.'.

**Field Properties:** This sidebar allows for configuration of the selected field. It includes sections for 'Field name' (set to 'Name'), 'Field link name' (set to 'Name'), 'Validation' (with 'Mandatory' checked), 'Display Fields' (with 'First Name' and 'Last Name' checked), 'Data Privacy' (with 'Contains personal data (PII)' checked), and 'Data Security' (with a note that '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 and options:

- Name \***: Two input fields for 'First Name' and 'Last Name'.
- ID \***: A single input field.
- Date of birth**: An input field with a date mask 'dd-MM-yyyy' and a red error message 'Please enter a valid date'.
- Occupation \***: A dropdown menu with '-Select-' as the current selection.
- Phone Number**: An input field with a country code dropdown set to '+91' and a pre-filled number '81234 56789'.
- Email \***: A single input field.
- What would you use the library for? \***: A list of checkboxes for 'Reference', 'In-house reading', and 'Borrowing'.
- Which sections of the library would you like access to? \***: A list of checkboxes for 'All', 'Fiction', 'Electronic', 'Magazines', 'Non-Fiction', and 'Research & Reference'.

The interface includes a top navigation bar with 'Design', 'Workflow', and 'Settings' tabs, and a right sidebar for 'Form Customization - Web' showing 'Label placement' options. A bottom status bar indicates 'Trial expires in 14 days' and provides links for 'Upgrade', 'Get started faster', and 'Help'.

## Result:

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