

## **CSA1523- CLOUD COMPUTING AND BIG DATA ANALYTICS FOR HEALTH CARE INDUSTRIES**

**EXP NO 1: CREATE A SIMPLE CLOUD SOFTWARE APPLICATION AND PROVIDE IT AS A SERVICE USING ANY CLOUD SERVICE PROVIDER TO DEMONSTRATE SOFTWARE AS A SERVICE (SAAS).**

**AIM:**

To Create a simple cloud software application and provide it as a service using any Cloud Service Provider to demonstrate Software as a Service (SaaS).

**PROCEDURE:**

**STEP 1:** Log in to Zoho Creators

**STEP 2:** Click Create a new application.

**STEP 3:** Choose from scratch and name the application (Ex-Hospital App)

**STEP 4:** Create a new form as per the requirements. (Ex- Patient , Doctor , Billing , Test results etc)

**STEP 5:** Drag and place the required fields and click DONE.

**STEP 6:** Now open each module and give required details to store it in the form.

**STEP 7:** Verify the entries of patient details, doctor details, etc from Reports.

**STEP 8:** The software has been created successfully.


**IMPLEMENTATION:**

**STEP1:** Login to Zoho Creators





**STEP 2:** Click Create a new application.


## Create New Application

 **Create using Zia**  
Effortlessly build a fully functional Creator application with Zia (powered by GenAI)

Create


  
**Create from scratch**  
Create a new application for your business needs  
Create

  
**Create from gallery**  
Pick a pre-built application that suits your requirement  
Pick

  
**Import from file**  
Import your existing data to create an application  
Import

**STEP 3:** Choose from scratch and name the application (Ex-Hospital App)



  
**Create from scratch**

**Application Name \***

☐ **Enable Environment** [Learn More](#)

Create Application

**STEP 4:** Create a new form as per the requirements. (Ex- Patient module, Doctor module, Appointments, Billing , Test Results etc)

## Create from Scratch

Name form

Patient

Create Form

**STEP 5:** Drag and place the required fields and click DONE

The screenshot shows a form builder interface for a 'Patient' form. The top bar includes a title 'Hospital Manage... Patient', a plus icon, and a 'Done' button. The main area is divided into three sections: 'Basic Fields', 'Field Properties', and a central workspace.

**Basic Fields:** A grid of field types including Name, Email, Address, Phone, Single Line, Multi Line, Number, Date, Time, Drop Down, and a '2/3' indicator.

**Field Properties:** A panel on the right showing settings for the selected 'Name' field. It includes fields for 'Field name' (Name) and 'Field link name' (Name), a 'View Field References' link, a 'Validation' section with a checked 'Mandatory' checkbox, a 'Display Fields' section with checkboxes for 'Prefix', 'First Name', 'Last Name', and 'Suffix' (with 'First Name' and 'Last Name' checked), and a 'Data Privacy' section with a checked 'Contains personal data (PII)' checkbox.

**Central Workspace:** A list of fields being added to the form, including 'Name', '123 Patient id', 'Phone', 'Address', 'Email', and 'Date'. A blue circle with '2/3' is visible below the list.

The bottom bar contains a 'Chats' icon, a 'Contacts' icon, a 'Here is your Smart Chat (Ctrl+Space)' message, a 'Trial expires in 13 days | Upgrade' message, a 'Get started faster!' message, and a 'Help' button.

Hospital Management

Bill Details

+

Url

Image

Percent

Currency

Decimal

Date-Time

SubForm

Lookup

Name

Phone

Email

Billing Date

\$ payment

Field Properties

Field name

payment

Field link name

payment

Currency type

INR India Rupees

Display format

12,34,567.89

View Field Referen

Validation

Mandatory

Initial value

Zoho Creator

creator.zoho.in/appbuilder/balasubramaniyangirija/hospital-app/formbuilder/Doctors\_Module/edit

Hospital App

Doctors Module

+

Done

Basic Fields

Name

Email

Address

Phone

Single Line

Multi Line

Number

Date

Time

Drop Down

Dr Name \*

DR id \*

Speciality

Contact no

Email id

Field Properties

Field name

Dr Name

Field link name

Dr\_Name

View Field References

Validation

Mandatory

Display Fields

Prefix

First Name

Last Name

Suffix

Zoho Creator

creator.zoho.in/appbuilder/balasubramaniyangirija/hospital-app/formbuilder/Test\_Results/edit

Hospital App

Test Results

+

Done

Basic Fields

Name

Email

Address

Phone

Single Line

Multi Line

Number

Date

123 Test id \*

Patient ID

Test Name

Result file \*

Date

Field Properties

Field name

Test id

Field link name

Test\_id

Display format

Default

View Field References

Validation

Mandatory

No duplicate values

Initial value

**STEP 6:** Now open each Form and give required details to store it in the form.

## STEP 7: Verify the entries of patient details, doctor details, etc from Forms.

creatorapp.zoho.in/harikamurali49/hospital-management/#Report:All\_Patients

Hospital Management

Patients

Harika Yanamandram

12897

+917896543210

savetha nagar,thandalam,chennai, Tamil Nadu, 516002

harika3456@gmail.com

20-Jan-2005

All Patients

Hospital Management

Doctors

Yanamandram Harika

+919515815329

harika3456@gmail.com

Choice 1

All Doctors

Hospital Management

Test Results

Yanamandram Harika

12897

Wallpapers\_Black\_And\_White\_Minimalist.jpeg

03-Feb-2025 15:44:14

All Test Results

The software has been created successfully.