

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

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**EXP 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 and click Create a new application.

STEP 2: Choose from scratch and name the application (Ex-Hospital App)

STEP 3: Create a new form as per the requirements. (Ex- Patient module, Doctor module, Appointments, etc)

STEP 4: Drag and place the required fields and click DONE.

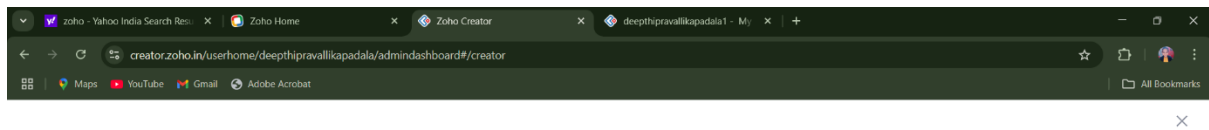
STEP 5: Now open each module and give required details to store it in the report.

STEP 6: Verify the entries of patient details, doctor details, etc from Module Reports.

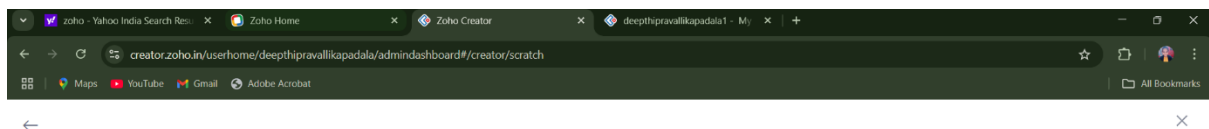
STEP 7: The software has been created successfully.

## IMPLEMENTATION:

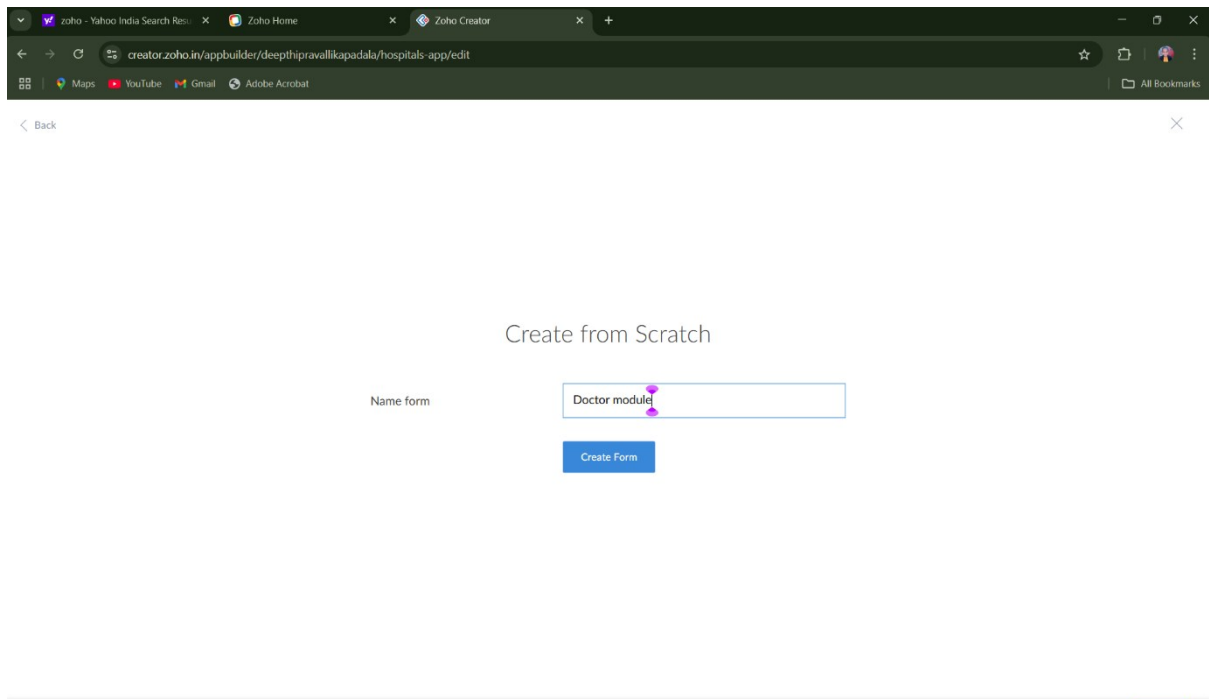
STEP1: Login to ZOHO Creators and click create a new application.



STEP 2: Choose from scratch and name the application (Ex-Hospital App)



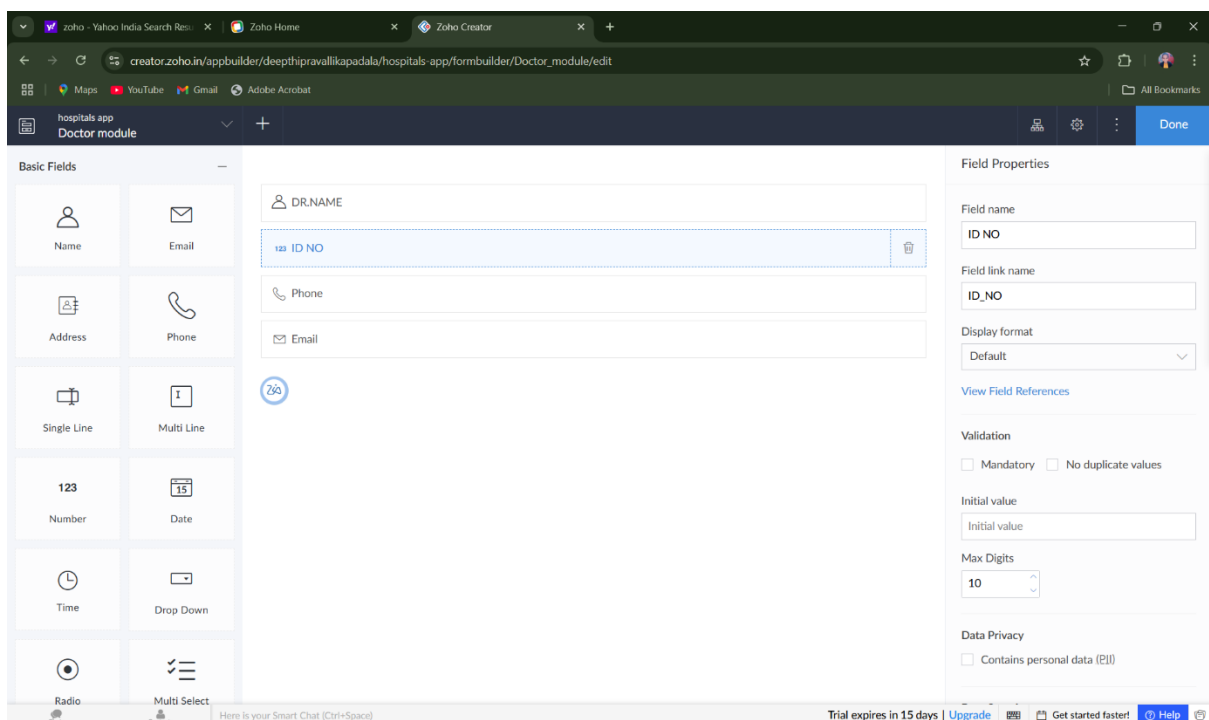
STEP 3: Create a new form as per the requirements. (Ex- Patient module, Doctor module, Appointments, etc)



The screenshot shows the Zoho Creator interface for creating a new form. The browser address bar displays the URL: `creator.zoho.in/appbuilder/deepthipravallikapadala/hospitals-app/edit`. The main heading is "Create from Scratch". Below it, there is a label "Name form" and a text input field containing "Doctor module". A blue "Create Form" button is positioned below the input field.

STEP 4: Drag and place the required fields and click DONE.

DOCTOR:



The screenshot shows the Zoho Creator form builder interface for the "Doctor module". The left sidebar, titled "Basic Fields", contains a grid of field types: Name, Email, Address, Phone, Single Line, Multi Line, Number, Date, Time, Drop Down, Radio, and Multi Select. The main workspace displays the form structure with fields: "DR.NAME", "ID NO" (highlighted with a dashed border), "Phone", and "Email". A "Zoho" logo is visible in the workspace. The right sidebar, titled "Field Properties", shows settings for the selected "ID NO" field, including Field name, Field link name, Display format, Validation options, Initial value, Max Digits, and Data Privacy. The bottom status bar indicates "Trial expires in 15 days" and includes links for "Upgrade", "Get started faster!", and "Help".

Paitent:

hospitals app  
APPOINTMENTS

Address Phone

Single Line Multi Line

123 15  
Number Date

Time Drop Down

Radio Multi Select

Checkbox

123 APPOINTMENT ID

PATIENT

DOCTOR

Date-time

Field Properties

Field name  
Date-time

Field link name  
Date\_time

View Field References

Validation

☐ Mandatory ☐ No duplicate values

Initial value  
dd-MMM-yyyy

Allowed Days  
All days

Data Privacy

☐ Contains personal data (PII)

Data Security

☐ Encrypt data  
☐ Contains health info (ePHI)

Trial expires in 15 days | Upgrade | Get started faster! | Help

Appointment:

hospitals app  
APPOINTMENTS

Address Phone

Single Line Multi Line

123 15  
Number Date

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123 APPOINTMENT ID

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DOCTOR

Date-time

Field Properties

Field name  
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Initial value  
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Allowed Days  
All days

Data Privacy

☐ Contains personal data (PII)

Data Security

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Trial expires in 15 days | Upgrade | Get started faster! | Help

STEP 5: Now open each module and give required details to store it in report.

Doctor:

creatorapp.zoho.in/deepthipravallikapadala/hospitals-app/#form:Doctor\_module

hospitals app

Doctor module

DR.NAME

padala

deepthipravallika

First Name

Last Name

ID NO

1234

Phone

+91 09381885744

Email

deepthipravallikapadala@gmail.com

Submit

Reset

## Appointment:

creatorapp.zoho.in/deepthipravallikapadala/hospitals-app/#Report:All\_Appointments

hospitals app

APPOINTMENTS

APPOINTMENT ID

2345

PATIENT

☒ Choice 1

☐ Choice 2

☐ Choice 3

DOCTOR

☒ Choice 1

☐ Choice 2

☐ Choice 3

Date-time

19-Feb-2025

Submit

Reset

## Patient:

hospitals app

hospitals app

Doctor Modules >

Appointments >

Patients ▾

patient

All Patients

All Patients

<input type="checkbox"/>	Name ▾	Number ▾	Phone ▾	Email ▾
<input type="checkbox"/>	padala sweety	3456	+919381885744	sweety123@gmail.com

Showing 1 of 1

Follow for all other modules and verify the entries.