

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 Management System)

STEP 3: Create a new form as per the requirements. (Ex- Patients Form, Doctors Form, Appointments Form, etc)

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

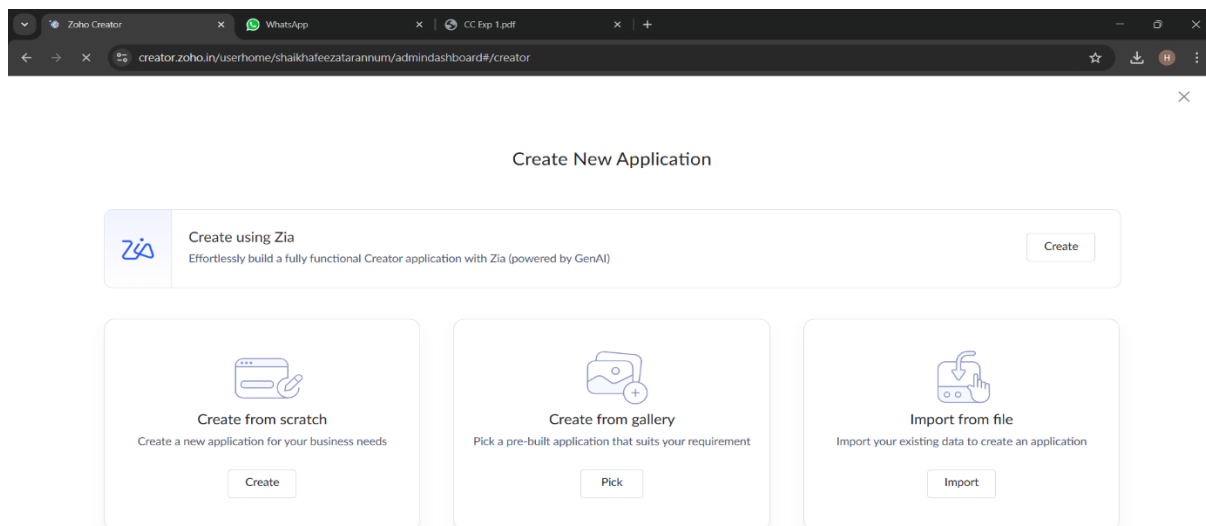
STEP 5: Now open each module and give the required details to store it in the report.

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

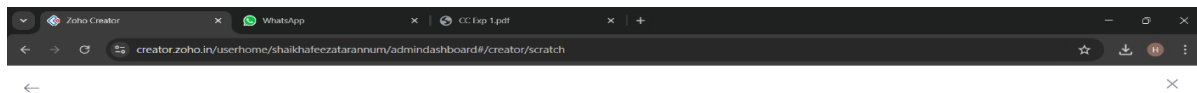
STEP 7: The software has been created successfully.

IMPLEMENTATION:

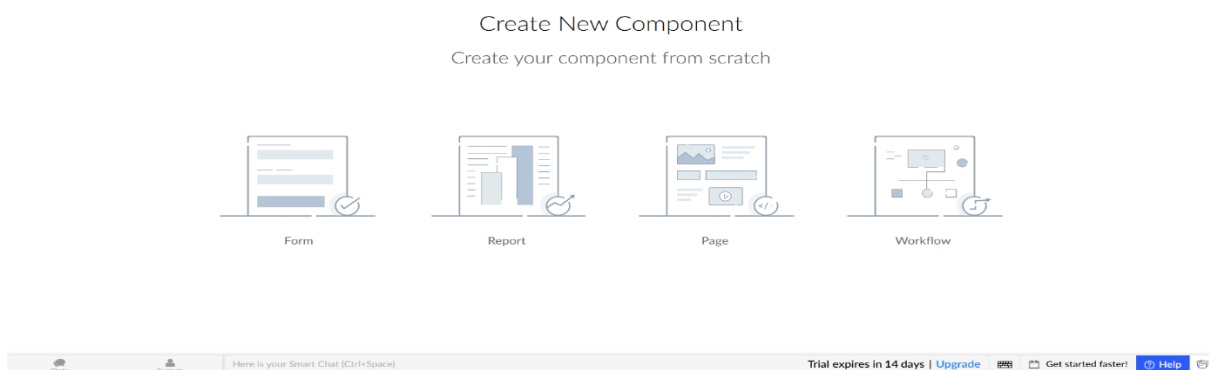
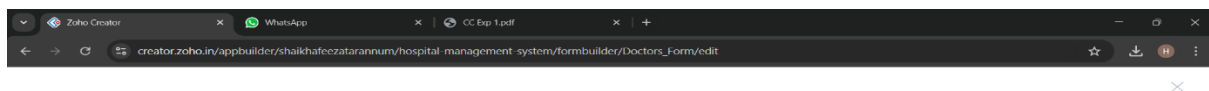
STEP1: Login to ZOHO Creators and click create a new application.



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

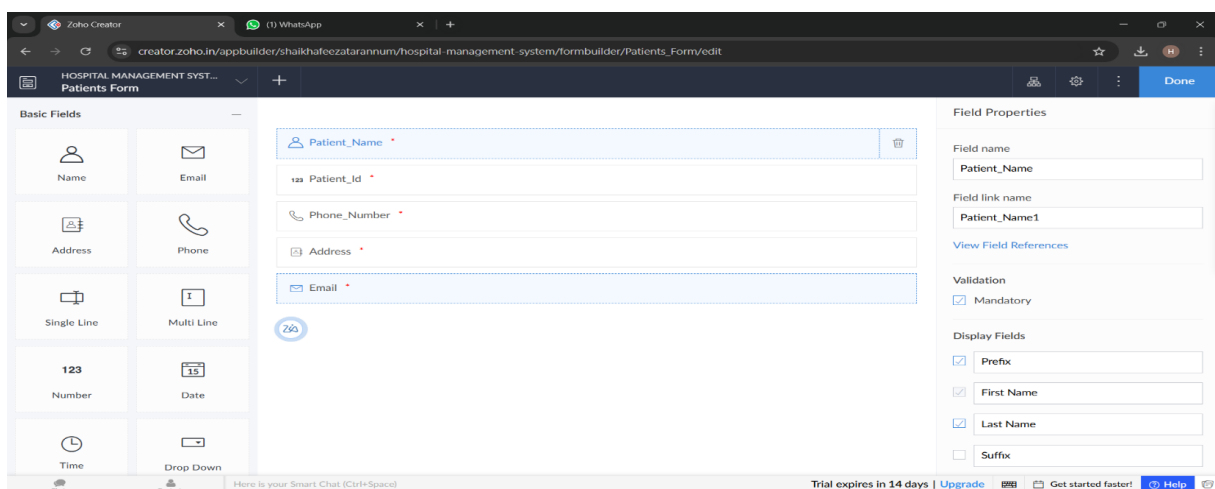


STEP 3: Create a new form as per the requirements. (Ex- Patient Form, Doctor Form, Appointments, etc)



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

Patient:



Doctor:

The screenshot shows the Zoho Creator interface for editing the 'Doctors Form'. The left sidebar contains a 'Basic Fields' panel with icons for Name, Email, Address, Phone, Single Line, Multi Line, Number, Date, Time, and Drop Down. The main workspace displays the form structure with fields: Doctor_Name (text), Doctor_id (text), Phone_Number (text), specialization (text), and Email (text). The right sidebar shows the 'Field Properties' for the selected 'Doctor_Name' field, including Field name, Field link name, Validation (Mandatory checked), Display Fields (First Name and Last Name checked), and Prefix/Suffix options. The bottom status bar indicates a trial expires in 14 days and provides links for Upgrade, Get started faster!, and Help.

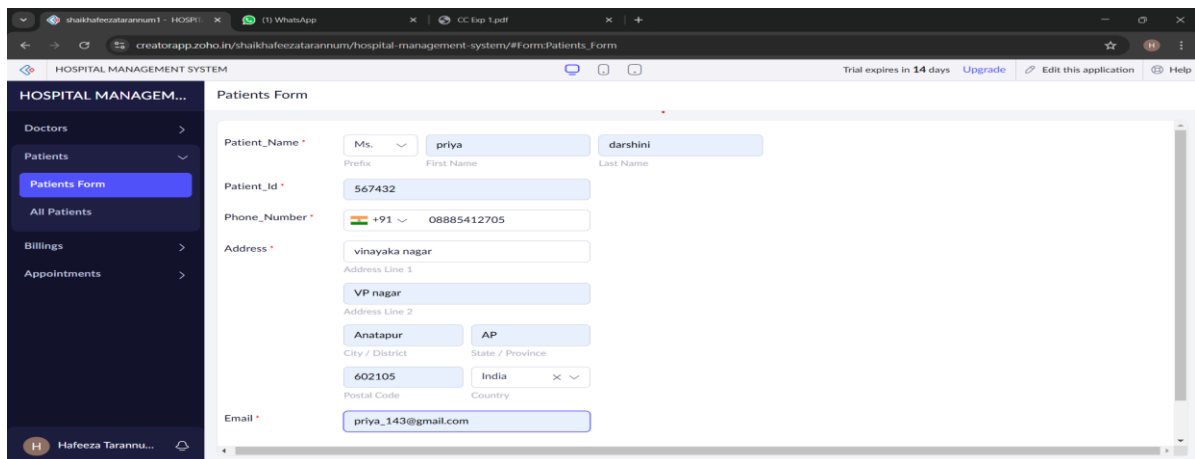
Appointments:

The screenshot shows the Zoho Creator interface for editing the 'Appointment Form'. The left sidebar contains a 'Basic Fields' panel with icons for Name, Email, Address, Phone, Single Line, Multi Line, Number, Date, Time, and Drop Down. The main workspace displays the form structure with fields: Appointment_id (text), Patient_Name (text), Doctor_Name (text), Date-Time (text), and Status (text). The right sidebar shows the 'Field Properties' for the selected 'Appointment_id' field, including Field name, Field link name, Display format (Default), Validation (Mandatory checked, No duplicate values unchecked), Initial value, and Max Digits (4). The bottom status bar indicates a trial expires in 14 days and provides links for Upgrade, Get started faster!, and Help.

Billing:

The screenshot shows the Zoho Creator interface for editing the 'Billing Form'. The left sidebar contains a 'Basic Fields' panel with icons for Name, Email, Address, Phone, Single Line, Multi Line, Number, Date, Time, and Drop Down. The main workspace displays the form structure with fields: Billing_id (text), Patient_name (text), Patient_id (text), Phone_Number (text), Amount (text), and Payment_status (text). The right sidebar shows the 'Field Properties' for the selected 'Billing_id' field, including Field name, Field link name, Display format (Default), Validation (Mandatory checked, No duplicate values unchecked), Initial value, and Max Digits (5). The bottom status bar indicates a trial expires in 14 days and provides links for Upgrade, Get started faster!, and Help.

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



HOSPITAL MANAGEM...

Patients Form

Patient_Name *
Prefix: Ms. First Name: priya Last Name: darshini

Patient_Id *
567432

Phone_Number *
+91 08885412705

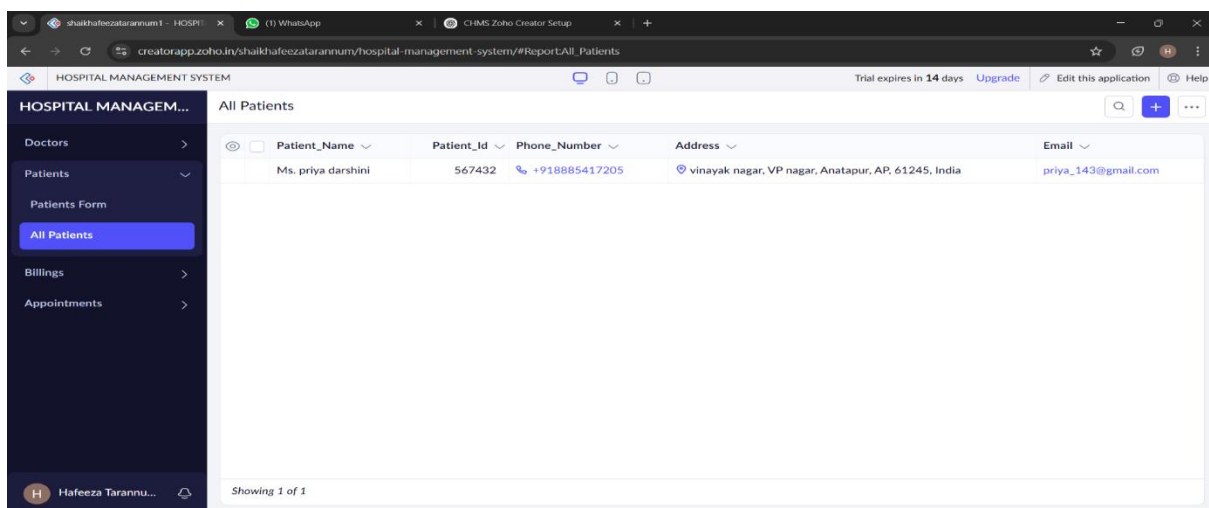
Address *
Address Line 1: vinayaka nagar
Address Line 2: VP nagar
City / District: Anatapur State / Province: AP
Postal Code: 602105 Country: India

Email *
priya_143@gmail.com

Give data for every modules like Doctor, Prescription, Billing, Test Result and Appointment.

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

Patient:



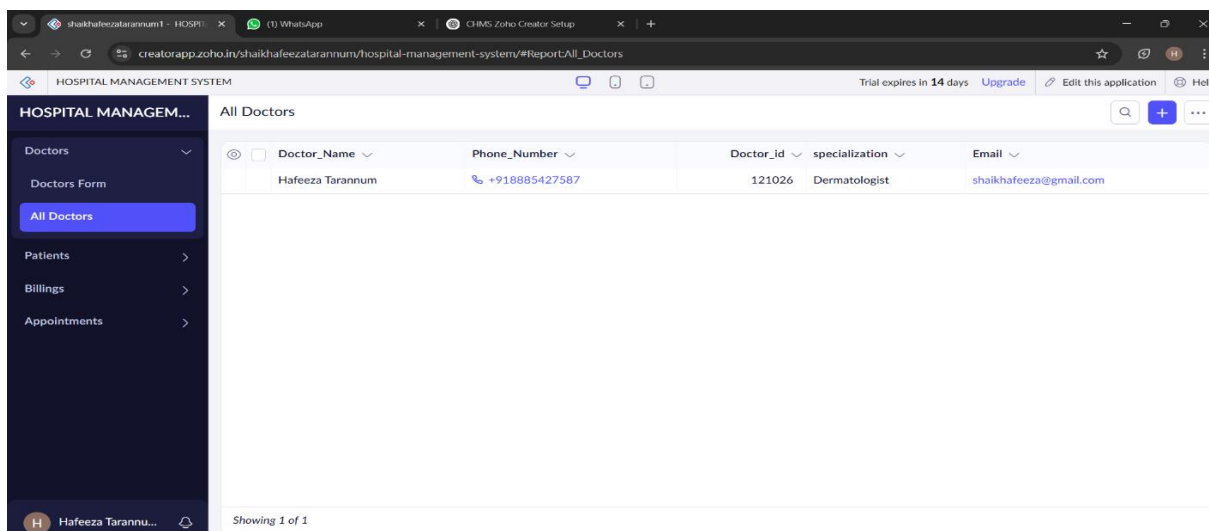
HOSPITAL MANAGEMENT SYSTEM

All Patients

Patient_Name	Patient_Id	Phone_Number	Address	Email
Ms. priya darshini	567432	+918885412705	vinayak nagar, VP nagar, Anatapur, AP, 61245, India	priya_143@gmail.com

Showing 1 of 1

Doctor:



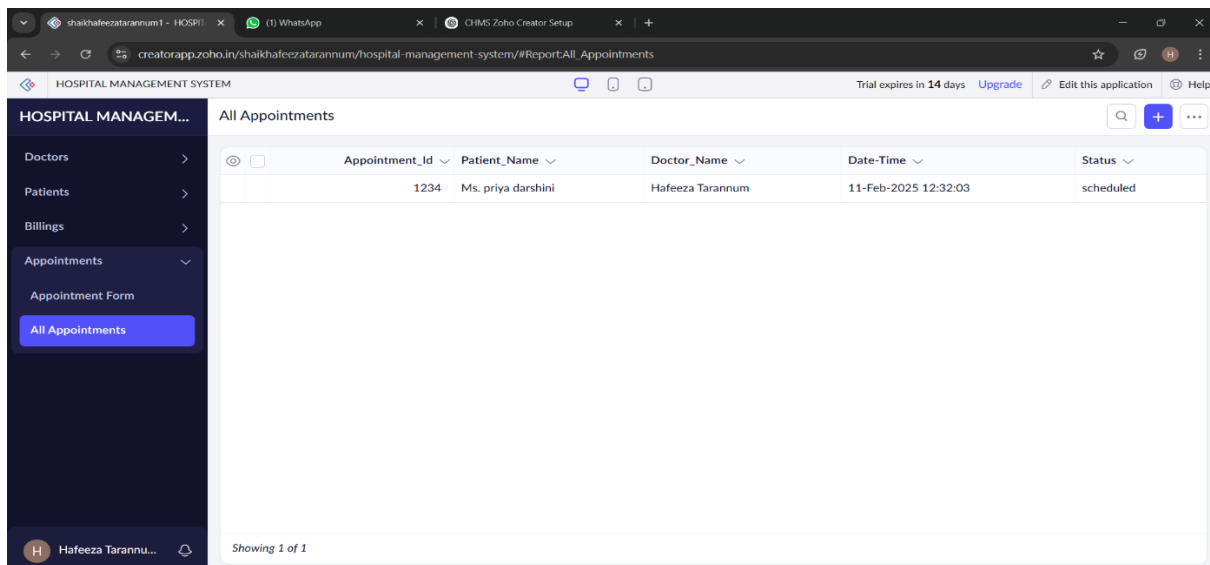
HOSPITAL MANAGEMENT SYSTEM

All Doctors

Doctor_Name	Phone_Number	Doctor_id	specialization	Email
Hafeeza Tarannum	+918885427587	121026	Dermatologist	shaikhafeeza@gmail.com

Showing 1 of 1

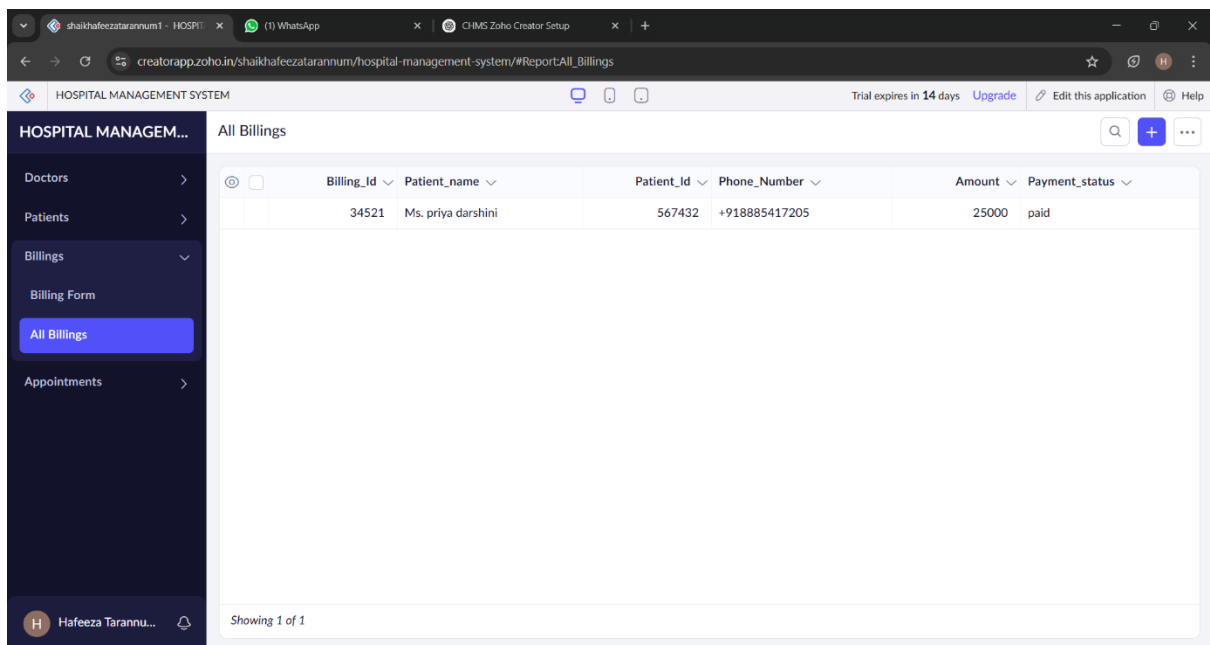
Appointments:



The screenshot shows a web application titled 'HOSPITAL MANAGEMENT SYSTEM'. The left sidebar contains a menu with 'Doctors', 'Patients', 'Billings', 'Appointments', 'Appointment Form', and 'All Appointments' (highlighted in blue). The main content area displays a table titled 'All Appointments'. The table has columns: Appointment_Id, Patient_Name, Doctor_Name, Date-Time, and Status. A single row is visible with the following data: Appointment_Id: 1234, Patient_Name: Ms. priya darshini, Doctor_Name: Hafeeza Tarannum, Date-Time: 11-Feb-2025 12:32:03, Status: scheduled. The bottom of the table indicates 'Showing 1 of 1'.

Appointment_Id	Patient_Name	Doctor_Name	Date-Time	Status
1234	Ms. priya darshini	Hafeeza Tarannum	11-Feb-2025 12:32:03	scheduled

Billing:



The screenshot shows the same web application, but the 'All Billings' report is displayed. The left sidebar menu is the same, but 'All Billings' is highlighted in blue. The main content area displays a table titled 'All Billings'. The table has columns: Billing_Id, Patient_name, Patient_Id, Phone_Number, Amount, and Payment_status. A single row is visible with the following data: Billing_Id: 34521, Patient_name: Ms. priya darshini, Patient_Id: 567432, Phone_Number: +918885417205, Amount: 25000, Payment_status: paid. The bottom of the table indicates 'Showing 1 of 1'.

Billing_Id	Patient_name	Patient_Id	Phone_Number	Amount	Payment_status
34521	Ms. priya darshini	567432	+918885417205	25000	paid

Follow for all other modules and verify the entries

Result: The Software has been Successfully created