

EXPERIMENT – 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:

The aim of this project is to design and deploy a simple **Hospital Management System** as a **Software as a Service (SaaS)** application using **Zoho** cloud platform. The system helps hospitals manage patient records, doctor details, appointments, and billing information through a web-based application that can be accessed anytime and anywhere over the internet without installing software locally.

ALGORITHM:

1. Create a Zoho account and log in to the Zoho cloud platform.
2. Select **Zoho Creator** to develop a cloud-based application.
3. Create a new application named **Hospital Management System**.
4. Design data forms for:
 - a. Patient Registration
 - b. Doctor Details
 - c. Appointment Scheduling
 - d. Billing and Payment Records
5. Define required fields such as patient name, age, disease, doctor assigned, appointment date, and bill amount.
6. Set workflows to automate tasks like appointment confirmation and billing calculation.
7. Implement user roles (Admin, Doctor, Receptionist) to control access.
8. Test the application to ensure correct data entry and retrieval.
9. Deploy the application on Zoho cloud.
10. Provide access to users through a web browser, demonstrating Software as a Service (SaaS).

INPUT:

1.Patient

Registration

Patient Registration

Patient ID: 192311378

Patient Name: M.Siddarta

Age: 21

Gender: Male

Phone Number: +91 8555020921

Submit

2.Medical Details

Medical Details

Patient ID: 192311378

Disease: suffering with cold

Doctor Name: Manjula

Admission Date: 15-Dec-2025

Submit

3.Discharge Details

Hospital Patient Management ...

Discharge Summary

Patient ID	192311378
Discharge Date	16-Dec-2025
Total Bill	4400
Status	Paid

Submit

Output:

1. Patient Registration

Hospital Patient Management ...

All Patient Registrations

Patient ID	Patient Name
192311378	M.Siddarta

Patient ID	192311378
Patient Name	M.Siddarta
Age	21
Gender	Male
Phone Number	+918555020921

Add a comment

2.Medical Details

The screenshot shows a web-based hospital management system interface. On the left, a sidebar menu includes 'Patient Registrations', 'Medical Details' (selected), 'Medical Details', and 'All Medical Details' (highlighted). The main content area is titled 'All Medical Details'. It displays a table with two columns: 'Patient ID' and 'Disease'. A single row is selected, showing '192311378' under Patient ID and 'suffering with cold' under Disease. To the right of the table is a detailed view panel. This panel contains four data fields: 'Patient ID' (192311378), 'Disease' (suffering with cold), 'Doctor Name' (Manjula), and 'Admission Date' (15-Dec-2025). Below the table, there is a link to 'Add a comment'.

3.Discharge Details

The screenshot shows the same hospital management system interface. The sidebar menu now highlights 'Discharge Summaries'. The main content area is titled 'All Discharge Summaries'. It displays a table with two columns: 'Patient ID' and 'Discharge Date'. A single row is selected, showing '192311378' under Patient ID and '16-Dec-2025' under Discharge Date. To the right of the table is a detailed view panel. This panel contains four data fields: 'Patient ID' (192311378), 'Discharge Date' (16-Dec-2025), 'Total Bill' (₹ 4,400.00), and 'Status' (Paid). Below the table, there is a link to 'Add a comment'.

Result:

The Hospital Management System was successfully implemented as a SaaS application using Zoho, enabling online access to patient, doctor, and appointment data. The project demonstrates efficient cloud-based management with secure, anytime access.

