

CSA1519-CLOUD COMPUTING FOR BIG DATA ANALYTICS

LAB EXPERIMENTS

1. Create a simple cloud software application for Flight Reservation System using any Cloud Service Provider to demonstrate SaaS.

AIM

To design, develop, and deploy a cloud-based Flight Reservation System using a cloud service provider to demonstrate the Software as a Service (SaaS) model.

MATERIALS REQUIRED

- Zoho Creator (Cloud Platform)
- Built-in Forms & Workflows
- Web Browser

PROCEDURE

STEP 1: Create Zoho Creator Account (Cloud)

1. Open browser
2. Go to: <https://creator.zoho.com>
3. Sign up / Login
4. Click Create New Application

 This is done ONLINE (Cloud)

STEP 2: Create Flight Reservation Application

1. Choose From Scratch
2. Application Name:
3. Flight Reservation System

STEP 3: Create Reservation Database (Automatic)

- Zoho Creator automatically creates a cloud database.
 - No manual database installation required.
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STEP 5: Create Reservation View

1. Create Report / View
 2. Name it:
 3. Booking Details
 4. Displays all flight reservations
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STEP 6: Deploy Application as SaaS

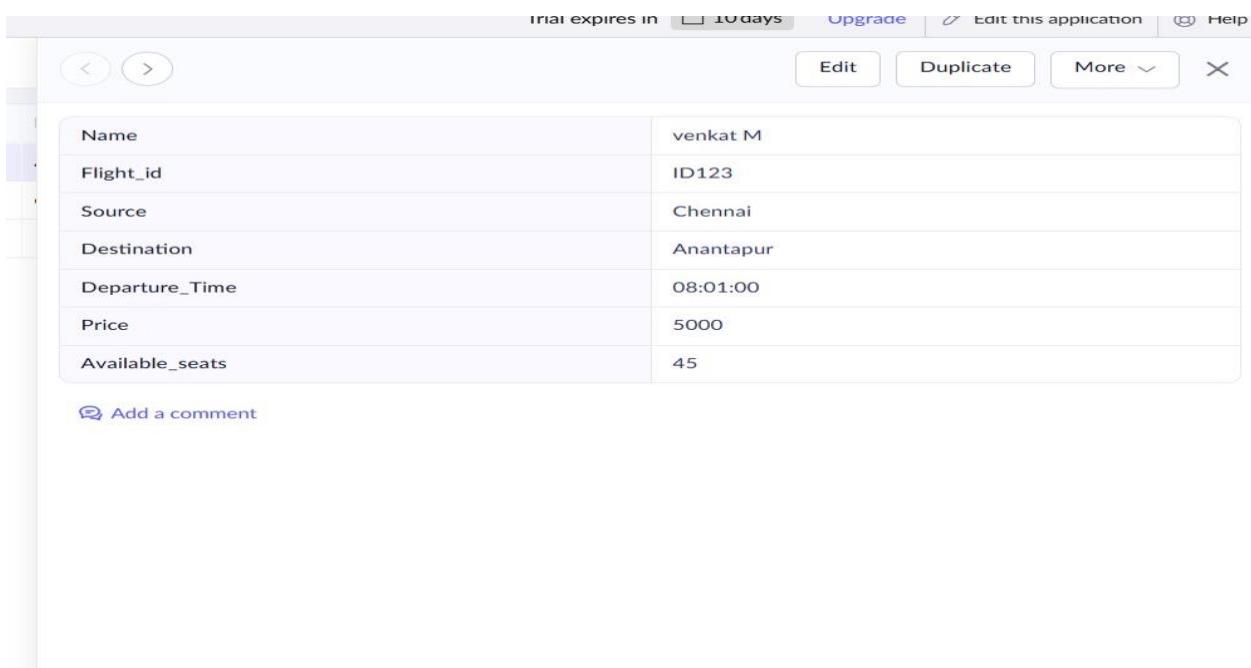
1. Click Access This App
 2. Choose Public / User Access
 3. Users can now book flights via browser
 - No software installation
 - Hosted on Zoho Cloud
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STEP 7: Access the SaaS Application

Users access the system using:

<https://creator.zoho.com/yourapp>

OUTPUT



The screenshot shows a Zoho Creator application interface. At the top, there's a header with "Trial expires in 10 days", "Upgrade", "Edit this application", and "Help". Below the header is a toolbar with "Edit", "Duplicate", "More", and a close button. The main area displays a table with flight information:

Name	venkat M
Flight_id	ID123
Source	Chennai
Destination	Anantapur
Departure_Time	08:01:00
Price	5000
Available_seats	45

At the bottom left, there's a link to "Add a comment".

Figure 1: Flight Details

Trial expires in **10 days** [Upgrade](#) | [Edit this application](#) | [Help](#)

[Edit](#) [Duplicate](#) [More ▾](#)

Passenger_Name	Venkat M
Email	mangalamadakavenkat@gmail.com
Phone	+916303229859
Gender	Male
Age	20

[Add a comment](#)

Figure 2: Passenger Details

A screenshot of a flight booking record in a cloud-based management system. The record includes fields for Passenger (Venkat M), Flight Details (indigo flight), Booking Date (23-Dec-2025), Seat Number (21), and Total Amount (5249). Navigation arrows, edit, duplicate, and more options are visible at the top.

Passenger	Venkat M
Flight_Details	indigo flight
Booking_Date	23-Dec-2025
Seat_Number	21
Total_Amount	5249

Figure 3: Flight Booking

RESULTS

The cloud-based Flight Reservation System Management System was successfully designed, developed, and deployed using Zoho Creator as a Software as a Service (SaaS) application.

