

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.
-

STEP 5: Create Reservation View

1. Create Report / View
 2. Name it:
 3. Booking Details
 4. Displays all flight reservations
-

STEP 6: Deploy Application as SaaS

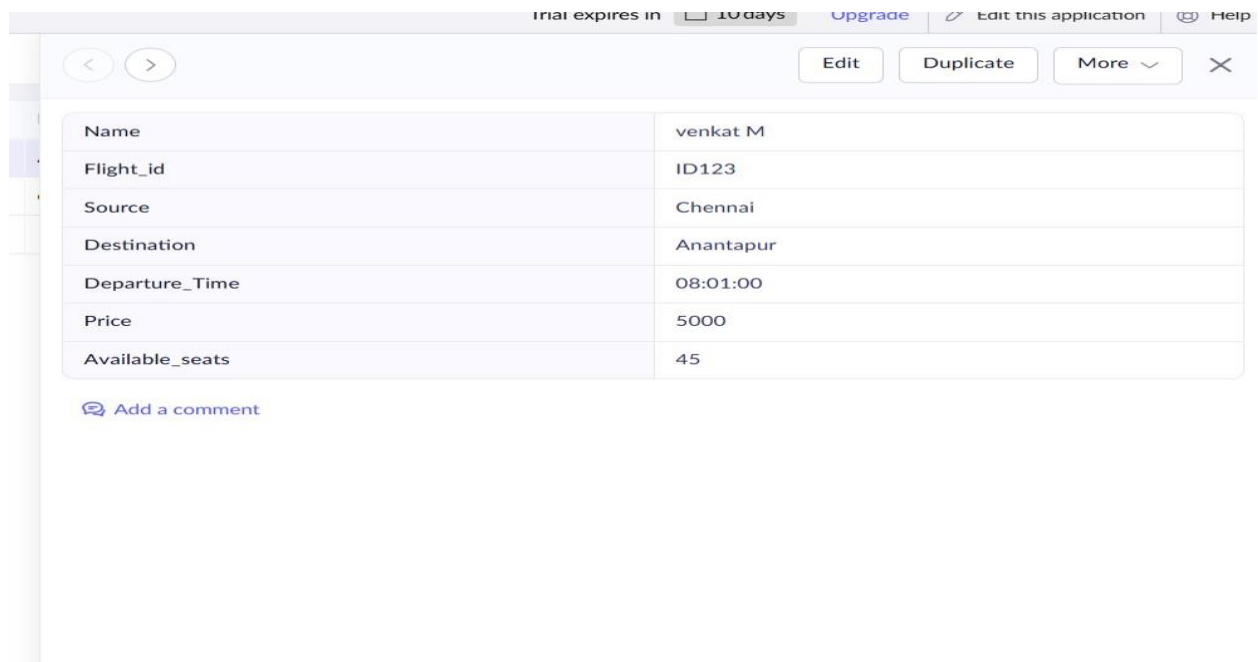
1. Click Access This App
 2. Choose Public / User Access
 3. Users can now book flights via browser
 - No software installation
 - Hosted on Zoho Cloud
-

STEP 7: Access the SaaS Application

Users access the system using:

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

OUTPUT



The screenshot displays a Zoho Creator application interface. At the top, a status bar indicates 'Trial expires in 10 days' with an 'Upgrade' link, and options to 'Edit this application' and 'Help'. Below this is a navigation bar with left and right arrows, and buttons for 'Edit', 'Duplicate', 'More', and a close icon. The main content area features a table with flight details. Below the table is a comment section with an 'Add a comment' button.

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


 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

<

>

Edit

Duplicate

More ▾

>

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


 Add a comment

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.

