

Experiment-2

Flight Reservation System

Aim :- To design and deploy a simple Flight Reservation System as a Software-as-a-Service (SaaS) application using a Cloud Service Provider for online flight search and booking management.

PROCEDURE :-

1. Choose a cloud platform such as AWS / Microsoft Azure / Google Cloud.
2. Create and configure a cloud account with hosting services.
3. Design the Flight Reservation System modules (login, flight search, booking, payment).
4. Develop the web application using HTML/CSS/JavaScript for frontend.
5. Implement backend logic using PHP / Python / Node.js.
6. Configure a cloud database to store flight schedules and passenger records.
7. Deploy and test the SaaS application through web access for multiple users.

OUTPUT :-

The screenshot shows a web-based application titled "Flight Reservation System" in the top left corner. The top navigation bar includes links for "View as", "Trial expires in 11 days", "Upgrade", "Edit this application", and "Help". On the left side, there is a sidebar with the following menu items:

- Passengers
- Passenger
- All Passengers (highlighted in blue)
- Flight Details
- Flight Details
- All Flight Details
- Ticket Details

The main content area is titled "All Passengers". It contains a table with the following data:

Name	Email	Phone	Address	Gender	Passport Num
Ganesh reddy	gani@gmail.com	+917868657312	MITTAMEEDAPALLI,CK.DINNE, kadapa, Andhra Pradesh, 516216, India	Male	42365
Narendra kumar reddy	nari@gmail.com	+919876543210	MITTAMEEDAPALLI,CK.DINNE, kadapa, Andhra Pradesh, 516216, India	Male	87648
Soma Sekhar reddy	pothusomasekhar@gmail.com	+918919733413	MITTAMEEDAPALLI,CK.DINNE, kadapa, Andhra Pradesh, 516216, India	Male	62432

The screenshot shows a web-based Flight Reservation System (FRS) application. The top navigation bar includes links for 'Flight Reservation System' (highlighted in yellow), 'Development', and various system status indicators like 'View as -MySelf-', 'Trial expires in 11 days', 'Upgrade', 'Edit this application', and 'Help'. The main content area is titled 'All Flight Details' and displays a table of flight information. The table has columns for Source, Destination, Arrival Date, Arrival Time, and Flight ID. The data in the table is as follows:

Source	Destination	Arrival Date	Arrival Time	Flight ID
Vizag	Chennai	17-Feb-2026	21:39:02	8921
chennai	delhi	07-Feb-2026	16:37:48	7233
kadapa	chennai	04-Feb-2026	10:30:30	5621

The left sidebar contains a navigation menu with items: 'Passengers' (selected), 'Passenger', 'All Passengers', 'Flight Details' (selected), 'Flight Details' (highlighted in blue), and 'Ticket Details'.

RESULT :-

The Flight Reservation System was successfully deployed on the cloud and accessed via the internet. It demonstrated SaaS features such as online booking, centralized data storage, and scalable user access.