

EXPERIMENT – 4

Create a simple cloud software application for Car Booking Reservation

System using any Cloud Service Provider to demonstrate SaaS.

AIM:

The aim of this project is to design and deploy a **Car Booking Reservation System** as a **Software as a Service (SaaS)** application using a cloud service provider. The system enables users to book cars online, manage reservations, and view booking details through a web-based platform.

ALGORITHM:

1. Create an account and log in to the cloud service provider.
2. Create a new cloud application named **Car Booking Reservation System**.
3. Design forms for car details, customer information, and booking details.
4. Store data such as car type, registration number, availability, and price.
5. Allow users to select a car, booking date, and duration.
6. Validate availability and confirm booking.
7. Save booking information securely in the cloud database.
8. Deploy the application on the cloud platform.
9. Allow users to access the system through a web browser as a SaaS application.

INPUT:

1.Car

Details

The screenshot displays the 'Car Booking Reservation System' web application. The left sidebar contains a menu with 'Car Details' selected. The main content area is titled 'Car Details' and contains the following form fields:

- Car ID: 192311378
- Car Name: Defender Octa
- Car Type: SUV
- Fuel Type: Petrol
- Price Per Day: 17,000
- Drop Down: Available

A 'Submit' button is located at the bottom of the form.

2.Customer Details

The screenshot displays the 'Car Booking Reservation System' web application. The left sidebar contains a menu with 'Customer_Details' selected. The main content area is titled 'Customer_Details' and contains the following form fields:

- Customer ID: 183
- Customer Name: Macherla Siddarta
- Phone Number: +91 08555020921
- Email: sliddarta@gmail.com
- Driving License No: B12080009655

A 'Submit' button is located at the bottom of the form.

3.Car Booking Details

The screenshot shows the 'Car Booking' form in the 'Car Booking Reservation System'. The form is titled 'Car_Booking' and contains the following fields:

- Booking ID: 192311
- Car Details: SUV
- Customer_Details: Macherla Siddarta
- Start Date: 20-Dec-2025
- End Date: 22-Dec-2025
- Price Per Day: 17000
- Total Days: 2

A 'Submit' button is located at the bottom of the form. The left sidebar shows the navigation menu with 'Car_Booking' selected. The top bar indicates the trial expires in 14 days and provides links for 'Upgrade', 'Edit this application', and 'Help'.

Output:

1.Car Details

The screenshot shows the 'All Car Details' report in the 'Car Booking Reservation System'. The report displays a table of car details with the following columns: Car ID, Car Name, and Car Type. The table contains one row of data:

Car ID	Car Name	Car Type
192311378	Defender Octa	SUV

The right sidebar shows the details of the selected car (Car ID: 192311378) with the following information:

- Car ID: 192311378
- Car Name: Defender Octa
- Car Type: SUV
- Fuel Type: Petrol
- Price Per Day: ₹ 17,000.00
- Drop Down: Available

The bottom of the report shows 'Showing 1 of 1'.

2.Customer Details

The screenshot shows the 'Customer_Details Report' interface. The left sidebar contains a menu with 'Car Details', 'Customer_Details', and 'Car_Booking'. The main area displays a table with columns: Customer ID, Customer Name, and Phone Number. A single record is shown for Customer ID 183, Customer Name Macherla Siddarta, and Phone Number +918555020921. A right-hand panel provides a detailed view of the selected record, including fields for Customer ID, Customer Name, Phone Number, Email, and Driving License No. The interface also includes a trial expiration notice, an upgrade button, and a help icon.

Customer ID	Customer Name	Phone Number
183	Macherla Siddarta	+918555020921

Customer ID	183
Customer Name	Macherla Siddarta
Phone Number	+918555020921
Email	siddarta@gmail.com
Driving License No	812080009655

Showing 1 of 1

3.Car Booking Details

The screenshot shows the 'Car_Booking Report' interface. The left sidebar contains a menu with 'Car Details', 'Customer_Details', and 'Car_Booking'. The main area displays a table with columns: Booking ID, Car Details, Customer_Details, and Start Date. A single record is shown for Booking ID 192311, Car Details SUV, Customer_Details Macherla Siddarta, and Start Date 20-Dec-2025. A right-hand panel provides a detailed view of the selected record, including fields for Booking ID, Car Details, Customer_Details, Start Date, End Date, Total Days, Price Per Day, and Total Days. The interface also includes a trial expiration notice, an upgrade button, and a help icon.

Booking ID	Car Details	Customer_Details	Start Date
192311	SUV	Macherla Siddarta	20-Dec-2025

Booking ID	192311
Car Details	SUV
Customer_Details	Macherla Siddarta
Start Date	20-Dec-2025
End Date	22-Dec-2025
Total Days	172800000
Price Per Day	17000
Total Days	2

Showing 1 of 1

Result:

The Car Booking Reservation System was successfully developed and deployed as a SaaS application on the cloud. Users can book cars online and manage reservations efficiently with anytime, anywhere access.

