

CAR BOOKING APPLICATION

EXPERIMENT -4

AIM:

To create a simple cloud software application for the Car Booking Reservation System using a Cloud Service Provider to demonstrate Software as a Service (SaaS).

PROCEDURE:

1. Go to <https://creator.zoho.com> on your browser.
 - If you already have a Zoho account, click Sign In and enter your credentials.
 - If not, click Sign Up Now and create a new account.
2. Once logged in, you'll be directed to the Zoho Creator dashboard. Click the "Create New App" button to begin building your application.
3. Select "Create from Scratch" to make a custom app.
 - Enter the app name as Car Booking Reservation System, then click Create.
4. Inside your new app workspace, click on Create New Form. You'll need three main forms:
 - **Car Details Form** – to store information about available cars.
 - **Customer Booking Form** – for users to book a car.
 - **Booking Status Form** – to update and view booking confirmations.
5. Use the drag-and-drop form builder to add fields:

- **Car Details Form:**
Car ID, Car Name, Type (Sedan/SUV/etc.), Fuel Type, Rate per Day, Availability.
 - **Customer Booking Form:**
Booking ID, Customer Name, Contact Number, Car (lookup from Car Details), Pickup Date, Drop Date, Number of Days.
 - **Booking Status Form:**
Booking ID (lookup), Status (Confirmed/Pending/Cancelled), Payment Status, Remarks.
6. After creating each form, click Done to save your progress.
 7. Zoho Creator automatically generates Reports (tabular views) for each form, which can be used to manage and track entries.
 8. Configure automation/workflows if needed:
 - Auto-calculate total cost (e.g., days × rate).
 - Send confirmation emails using Deluge scripts.
 - Update car availability after booking.
 9. Set up User Roles & Permissions:
 - **Admin:** Full access to car listings and bookings.
 - **Customer:** Can only book cars and view their booking status.
 10. Click Access this Application to test and preview the system.
Submit sample bookings to verify form interactions and booking logic.
 11. To demonstrate SaaS, share the app URL with others (via email or link).
This allows real-time cloud-based access without any installation.

FORM 1:

Booking

Customer

-Select-

Car

-Select-

Booking Date

dd-MMM-yyyy

Booking Start Time

HH:mm:ss

Booking End Time

HH:mm:ss

Booking Status

-Select-

Booking Price

#####.##

Booking Notes

Submit

Reset

All Bookings

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🔍	☐	Bookin... <div>▼</div>	Custo... <div>▼</div>	Car <div>▼</div>	Booking ... <div>▼</div>	Booking Start ... <div>▼</div>	Booking End ... <div>▼</div>	Booking St... <div>▼</div>	Booking P... <div>▼</div>	Booking Notes
		5	1	2	30-Jul-2025	12:00:00	20:00:00	Cancelled	\$ 220.00	Dinner at restaurant
		4	1	2	30-Jul-2025	11:00:00	19:00:00	Cancelled	\$ 180.75	Event at stadiu
		3	2	1	30-Jul-2025	10:00:00	18:00:00	Pending	\$ 100.25	Meeting at park
...	☐	2	1	4	30-Jul-2025	09:00:00	17:00:00	Cancelled	\$ 150.00	Drop off at offic
		1	3	5	30-Jul-2025	08:00:00	16:00:00	Cancelled	\$ 120.50	Pickup from hor

FORM 2:

Car

Car Name

Car Type

-Select-

Car Color

-Select-

Car Model

Car Year

#####

Car Capacity

#####

Car Seats

#####

Car Price

#####.##

Car Status

-Select-

Submit

Reset

All Cars

		Car Id	Car Name	Car Type	Car Col...	Car Model	Car Year	Car Capacity	Car Seats	Car Price	Car Status
		5	BMW 3 Series	Hatchback	Green	Luxury Sedan	2021	4	4	\$ 55,000.00	Maintenance
		4	Honda Civic	Van	Blue	Sedan	2018	4	5	\$ 25,000.00	Sold
...		3	Chevrolet Camaro	SUV	Yellow	Muscle Car	2019	4	4	\$ 35,000.00	Rented
		2	Ford Mustang	Truck	Brown	Sports Car	2020	2	2	\$ 40,000.00	Maintenance
		1	Tesla Model S	Sedan	Blue	Electric Sedan	2022	5	4	\$ 60,000.00	Rented

FORM 3:

Review

Booking

-Select-

Review Text

Review Rating

#####

Review Date

dd-MMM-yyyy

Submit

Reset

All Reviews

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		Booking	Review Text	Review Rating	Review Date
		4	Bad experience, car was dirty	2	30-Jul-2025
		1	Good value for money, nice car	4	30-Jul-2025
		2	Excellent car, clean and comfortable	5	30-Jul-2025
		2	Good experience, easy booking	4	30-Jul-2025
		1	Great service, friendly staff	5	30-Jul-2025

RESULT:

Thus, the Car Booking Reservation System cloud software application was successfully developed and deployed using Zoho Creator. The application was tested and verified for proper functionality. It demonstrated the key features of Software as a Service (SaaS), allowing users to access and manage car bookings over the internet in real-time.