

CSA1523- CLOUD COMPUTING AND BIG DATA ANALYTICS FOR HEALTHCARE INDUSTRIES

S.Hafeeza Tarannum

192372044

EXP 4. Create a simple cloud software application for Car Booking Reservation System using any Cloud Service Provider to demonstrate SaaS.

AIM: To Create a simple cloud software application for Car Booking Reservation System using any Cloud Service Provider to demonstrate SaaS.

PROCEDURE:

STEP 1: Log in to ZOHO Creators and click Create a new application.

STEP 2: Choose from scratch and name the application (Cloud Car Rentals)

STEP 3: Create a new form as per the requirements. (User Registration form, Car Listing Form, Car Booking Form, etc)

STEP 4: Drag and place the required fields and click DONE.

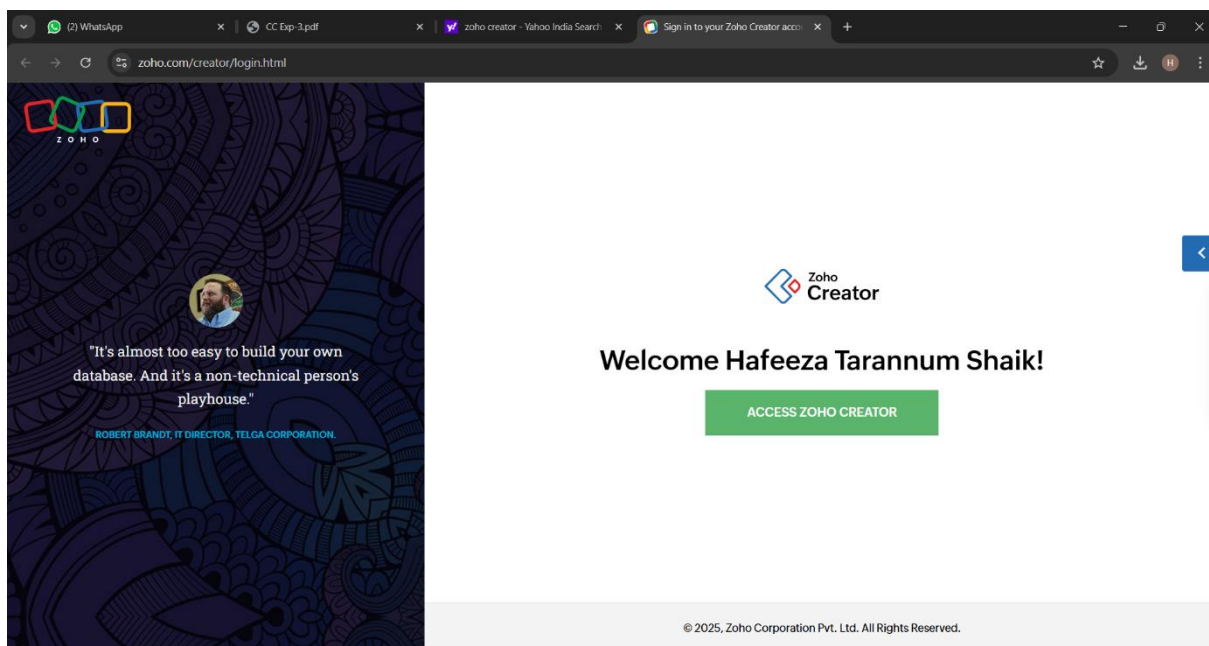
STEP 5: Now open each module and give required details to store it in the report.

STEP 6: Verify the entries of User Registration form, Car Listing Form, Car Booking Form, etc from Module Reports.

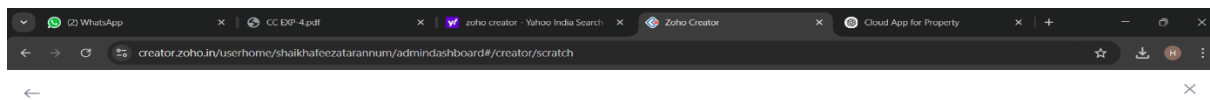
STEP 7: The software has been created successfully.

IMPLEMENTATION:

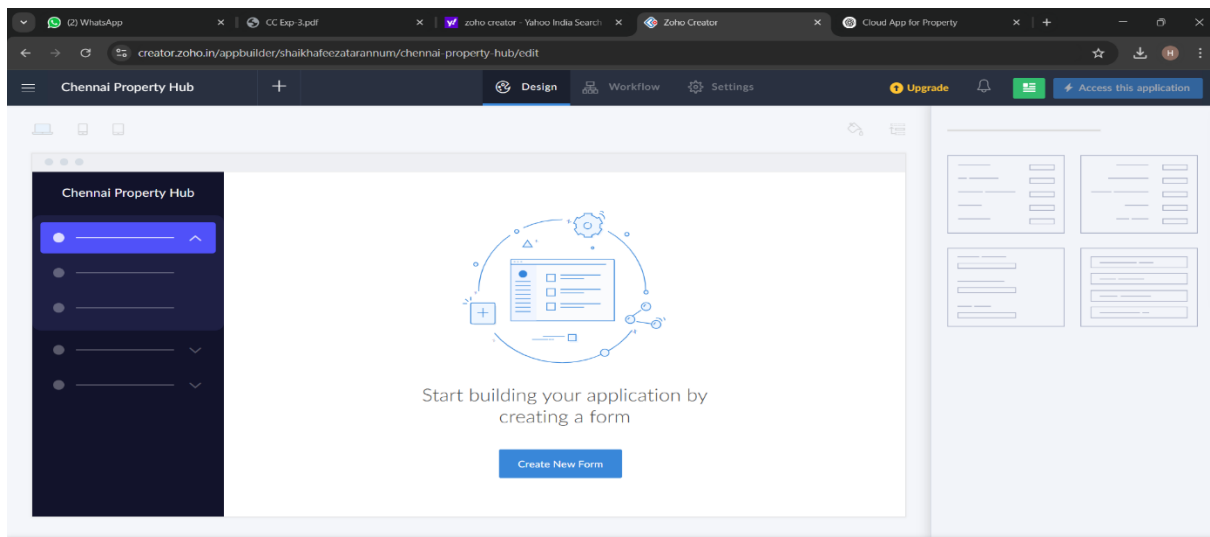
STEP1: Login to ZOHO Creators and click create a new application.



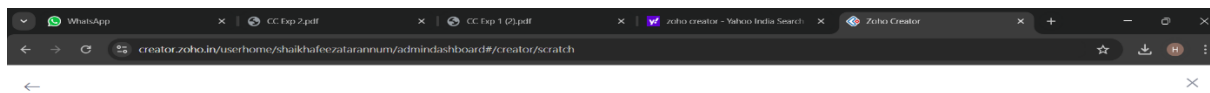
STEP 2: Choose from scratch and name the application (Cloud Car Rentals)



STEP 3: Create a new form as per the requirements. (User Registration form, Car Listing Form, Car Booking Form, etc)



User Registration Form:



STEP 4: Drag and place the required fields and click DONE.

User Registration Form:

The screenshot shows the Zoho Creator interface for editing a 'User registration Form'. On the left, a 'Basic Fields' panel contains icons for Name, Email, Address, Phone, Single Line, Multi Line, Number, Date, Time, and Drop Down. The main workspace displays a form with fields: User Name, Contact Number, Email, User Type, and Password (marked as Encrypted). On the right, the 'Field Properties' panel is open for the 'Password' field, showing options for 'Mandatory', 'Initial value', 'Character maximum' (set to 255), 'Data Privacy' (Contains personal data), 'Data Security' (Encrypt data), and 'User Input (for mobile)' (QR code, Barcode).

Follow these steps for all required forms:

Car Listing Form:

The screenshot shows the 'Create from Scratch' screen in Zoho Creator. It prompts the user to 'Name form' with a text input field containing 'Car Listings Form'. Below the input field is a blue 'Create Form' button.

The screenshot shows the Zoho Creator interface for editing a 'Car Listings Form'. On the left, a 'Basic Fields' panel contains icons for Name, Email, Address, Phone, Single Line, Multi Line, Number, Date, Time, and Drop Down. The main workspace displays a form with fields: Car Name, Car Type, Registration number, Seating Capacity, Rental Price, and Availability Status. On the right, the 'Field Properties' panel is open for the 'Availability Status' field, showing options for 'Field name', 'Field link name', 'View Field References', and 'Choices' (Advanced). The 'Choices' section lists 'Choice 1' (Available), 'Choice 2' (Booked), and 'Choice 3' (Booked).

Car Booking Form:

The screenshot shows the Zoho Creator interface for creating a new form. The browser address bar displays the URL: `creator.zoho.in/appbuilder/shaikhafeezatarannum/cloud-car-rentals/form/Car_Listings_Form/edit`. The main heading is "Create from Scratch". Below it, there is a label "Name form" and a text input field containing "Car Booking Form". A blue "Create Form" button is positioned below the input field. At the bottom of the screen, a status bar indicates "Trial expires in 12 days" with links for "Upgrade", "Get started faster!", and "Help".

This screenshot shows the "Basic Fields" configuration screen in Zoho Creator. On the left, a "Basic Fields" panel lists various field types: Name, Email, Address, Phone, Single Line, Multi Line, Number, Date, Time, and Drop Down. The main area displays the configured fields for the "Car Booking Form": "User Name", "Car Name", "Pick up Date-Time", "Return Date-Time", "Total Price", and "Payment Status". The "Payment Status" field is currently selected. On the right, the "Field Properties" panel shows details for the selected field: "Field name" is "Payment Status", "Field link name" is "Payment_Status", and "Choices" are listed as "Choice 1", "Pending", "Choice 2", and "Paid". A "Done" button is located in the top right corner. The bottom status bar shows "Trial expires in 12 days" and other utility links.

STEP 5: Now open each module and give required details to store it in the report.

User Registration form:

The screenshot displays the "User Registration Form" within the "Cloud Car Rentals" application. The left sidebar contains a menu with "User Registrations" expanded, showing "User Registration Form" and "All User Registrations". The main form area includes the following fields: "Full Name" (split into "First Name" with value "Hafeeza" and "Last Name" with value "Tarannum"), "Email" (value "shaiktarannum@gmail.com"), "Phone Number" (with a country code dropdown set to "+91" and a value of "08885427587"), "User Type" (dropdown menu set to "Customer"), and "Password" (value "123456"). "Submit" and "Reset" buttons are located at the bottom of the form. The bottom status bar indicates "Trial expires in 12 days" and provides links for "Upgrade", "Edit this application", and "Help".

Car Listing Form:

The screenshot shows the 'Car Listings Form' in the 'Cloud Car Rentals' app. The form is located in the 'Car Listings' section of the sidebar. The form fields are as follows:

Field	Value
Car Name *	Audi
Car Type	Sedan
Registration number *	192372044
Seating Capacity *	6
Rental Price *	500000
Availability Status	Booked

Buttons: Submit, Reset

Car Booking Form:

The screenshot shows the 'Car Booking Form' in the 'Cloud Car Rentals' app. The form is located in the 'Car Bookings' section of the sidebar. The form fields are as follows:

Field	Value
User Name	Hafeeza Tarannum
Car Name	Audi
Pick up Date-Time *	13-Feb-2025 16:08:55
Return Date-Time *	15-Feb-2025 16:09:05
Total Price *	25000
Payment Status	Paid

Buttons: Submit, Reset

STEP 6: Verify the entries of User Registration form, Car Listing Form, Car Booking Form, etc from Module Reports.

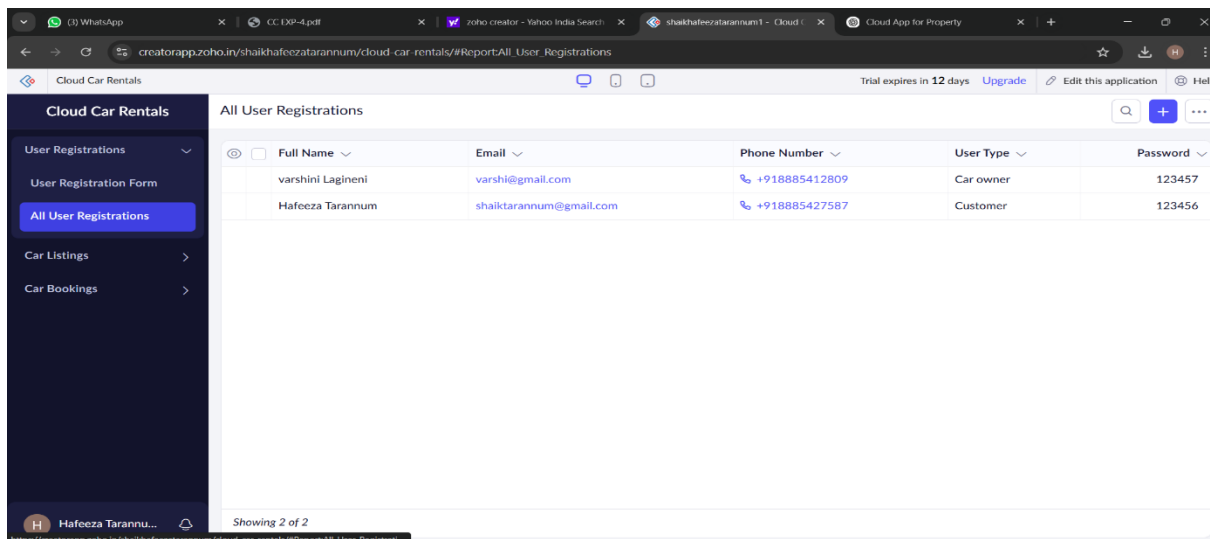
User Registration form:

The screenshot shows the 'All User Registrations' report in the 'Cloud Car Rentals' app. The report is located in the 'User Registrations' section of the sidebar. The report displays a table of user registrations with the following columns:

Full Name	Email	Phone Number	User Type	Password
varshini Lagineni	varshi@gmail.com	+918885412809	Car owner	123457
Hafeeza Tarannum	shaiktaranum@gmail.com	+918885427587	Customer	123456

Showing 2 of 2

Car Listing Form:



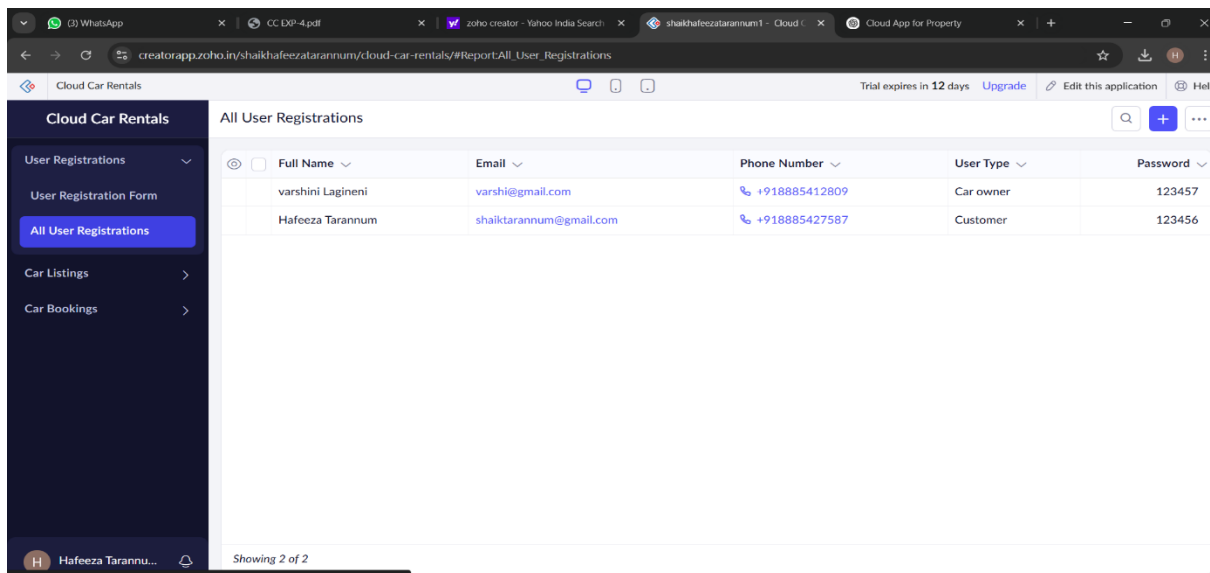
Cloud Car Rentals

All User Registrations

<input type="checkbox"/>	Full Name	Email	Phone Number	User Type	Password
<input type="checkbox"/>	varshini Lagenini	varshi@gmail.com	+918885412809	Car owner	123457
<input type="checkbox"/>	Hafeeza Tarannum	shaiktarannum@gmail.com	+918885427587	Customer	123456

Showing 2 of 2

Car Booking Form:



Cloud Car Rentals

All User Registrations

<input type="checkbox"/>	Full Name	Email	Phone Number	User Type	Password
<input type="checkbox"/>	varshini Lagenini	varshi@gmail.com	+918885412809	Car owner	123457
<input type="checkbox"/>	Hafeeza Tarannum	shaiktarannum@gmail.com	+918885427587	Customer	123456

Showing 2 of 2

Result:

The Software has been executed Successfully.