Contact app Model and send message

1. Create app

Python manage.py startapp contact

1. Settings.py

INSTALLED\_APPS = [

'contact.apps.ContactConfig',

1. Register the urls for contact in main urls. (Carzone/urls.py)

path('contact/',include('contact.urls')),

1. Create the urls.py in contact app.

from django.urls import path

from . import views

urlpatterns = [

path('inquiry', views.inquiry, name="inquiry"),

]

1. Create the empty view Now

def inquiry(request):

return

1. Create the contact model
2. Go to models.py (contact app)

from django.db import models

from datetime import datetime

class Contact(models.Model):

firstname = models.CharField(max\_length=100)

lastname = models.CharField(max\_length=100)

car\_id = models.IntegerField()

customer\_need = models.CharField(max\_length=100)

car\_title = models.CharField(max\_length=100)

city = models.CharField(max\_length=100)

state = models.CharField(max\_length=100)

email = models.EmailField(max\_length=100)

phone = models.CharField(max\_length=100)

message = models.TextField(blank=True)

user\_id = models.IntegerField(blank=True)

created\_date = models.DateTimeField(max\_length=100)

def \_\_str\_\_(self):

return self.email

1. Make the migrations
2. You can use contact

**Python manage.py makemigrations contact**

**Python manage.py migrate contact**

1. Register the app

I also customized it.

from django.contrib import admin

from .models import Contact

# Register your models here.

class ContactAdmin(admin.ModelAdmin):

list\_display = ('id', 'firstname', 'car\_title', 'city', 'email', 'created\_date')

list\_display\_links = ('id', 'firstname')

search\_fields = ('firstname','lastname','email','car\_title')

list\_per\_page = 25

admin.site.register(Contact,ContactAdmin)

Contact form.

1. Fix the logo
   1. Cars\_detail (search for logo)
   2. Make it static -> {% static ‘ …… ’ %}
   3. Load static.

<center><img src="{% static 'img/logos/logo-black-white.png' %}"></center>

1. Then check all the name is correct or not
2. Then fetch the dynamic car name that will show in the form

div class="form-group">

<input type="text" name="car\_title" class="form-control" value="{{ single\_car.car\_title }}" readonly>

</div>

1. Then check if the user is authenticated or not
2. If yes then return the user.id
3. If not then return 0
4. After that you have to return the current car id.

<form action="{% url 'inquiry' %}" method="POST">

{% csrf\_token %}

{% if user.is\_authenticated %}

<input type="hidden" name="user\_id" value="{{user.id}}">

{% else %}

<input type="hidden" name="user\_id" value="0">

{% endif %}

<input type="hidden" name="car\_id" value="{{single\_car.id}}">

**Send data from web to database.**

**Views.py->** (contact)

from django.shortcuts import render,redirect

from .models import Contact

from django.contrib import messages

def inquiry(request):

if request.method == 'POST':

car\_id = request.POST['car\_id']

car\_title = request.POST['car\_title']

user\_id = request.POST['user\_id']

first\_name = request.POST['first\_name']

last\_name = request.POST['last\_name']

city = request.POST['city']

state = request.POST['state']

phone = request.POST['phone']

email = request.POST['email']

customer\_need = request.POST['customer\_need']

message = request.POST['message']

# here we are sending the data to model (database)

# here we use firstname bcz in the model we use it not first\_name.

contact = Contact(car\_id=car\_id, car\_title=car\_title, user\_id=user\_id, firstname=first\_name, lastname=last\_name,

city=city, state=state, phone=phone, email=email, customer\_need=customer\_need, message=message)

contact.save()

messages.success(request,'Your request has been submitted. We will get back shortly.')

return redirect('/cars/'+car\_id)

And we included the messages.html in car\_details.html to show the message.

**Car\_detail.html**

Line number 34

{% include 'includes/messages.html' %}

When I send the message without login so it will store the user\_id = 0.

You can check in admin.

**But when the user logged in so it should be auto populate first name and last name.**

Car\_detail.html

Go to the form input fields.

In input field give the condition. If user is authenticate then it will auto populated.

<input type="text" name="first\_name" class="form-control" placeholder="First Name"

{% if user.is\_authenticated %} value="{{ user.first\_name }}" {% endif %} required>

Here I used the first\_name with underscore bcz I am using the form name.

Do the same for last name and email you can do it for city state and phone number.

**I authenticate user request for same car again with same id the it should error.**

**This will not work on random user only applicable on authentic user.**

Views.py

Put this if before sending the data to database. Means before contact variable.

if request.user.is\_authenticated:

user\_id = request.user.id

has\_request = Contact.objects.all().filter(car\_id=car\_id, user\_id=user\_id)

if has\_request:

messages.error(request, 'You already reuested for same car. Please wait we will contact you.')

return redirect('/cars/'+car\_id)

**Here in 2nd line. I used user.id not user\_id.**

**3rd line we are checking same user or same car.**