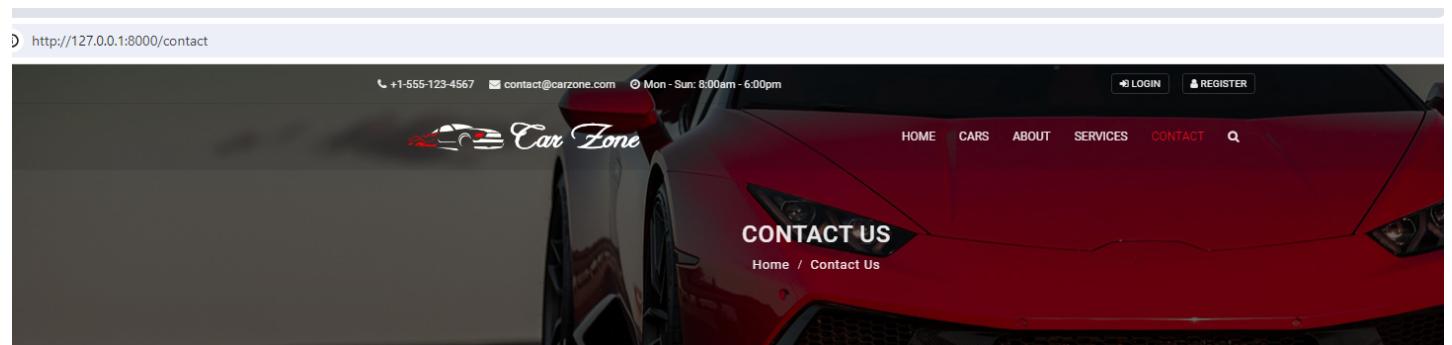


## Topic: Car Listing: Contact Us Page & Send Emails Part 18

Speaker: Udemy Instructor Rathan Kumar / Notebook: Django Project: Car Listing



1. We make our CONTACT page functional. WE DONT SAVE the details of this Contact Form into our database but instead, we will send all these details as an EMAIL to our ADMIN.



### Contact Us

Car Zone

Full Name:

Email:

Subject:

Phone Number:

Write message:

Phone: 0477 8556 552

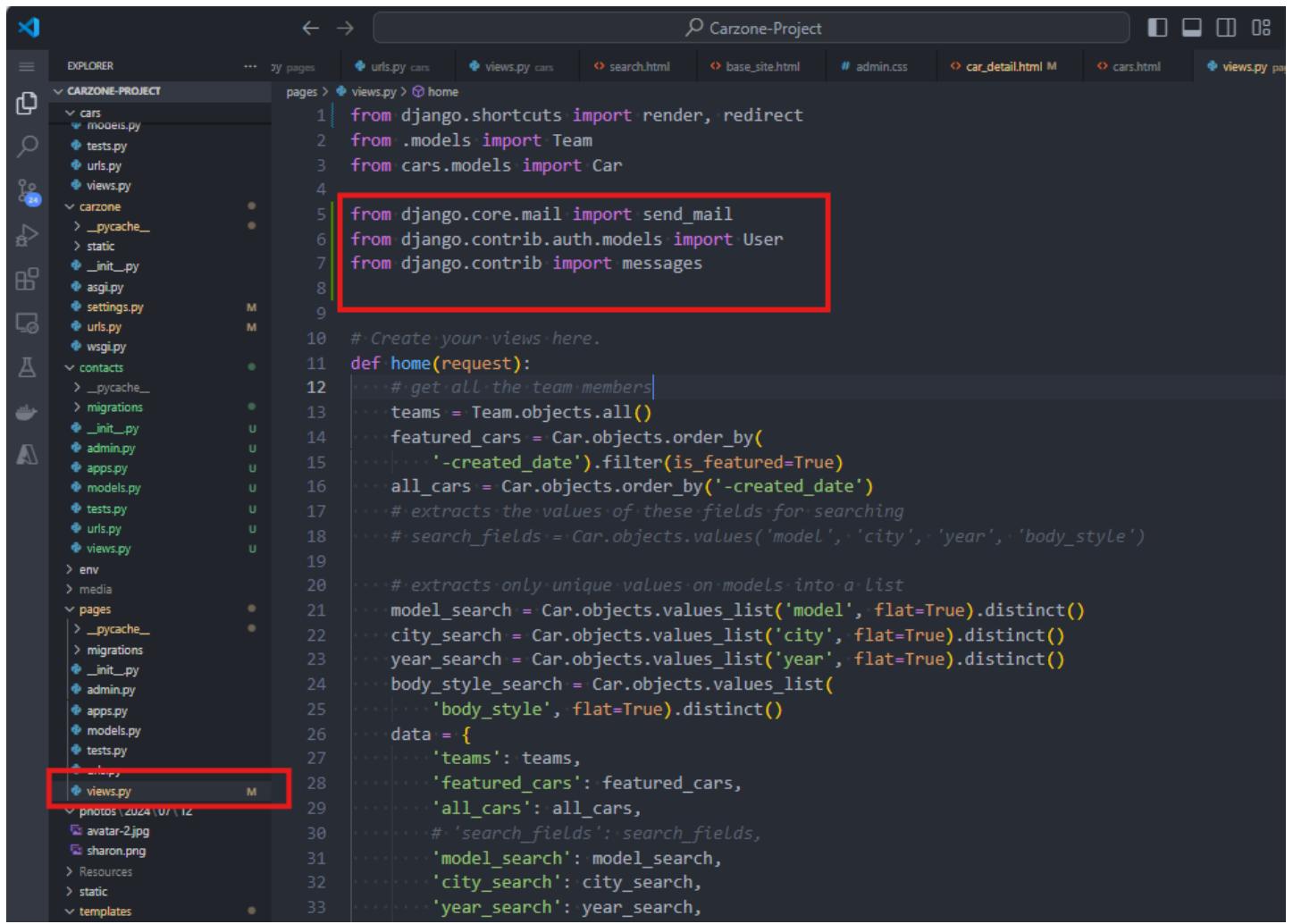
Email: info@themevessel.com

Web: info@themevessel.com

Fax: +0477 85X6 552

**SEND MESSAGE**

2. Update the PAGES\VIEWS.PY



Carzone-Project

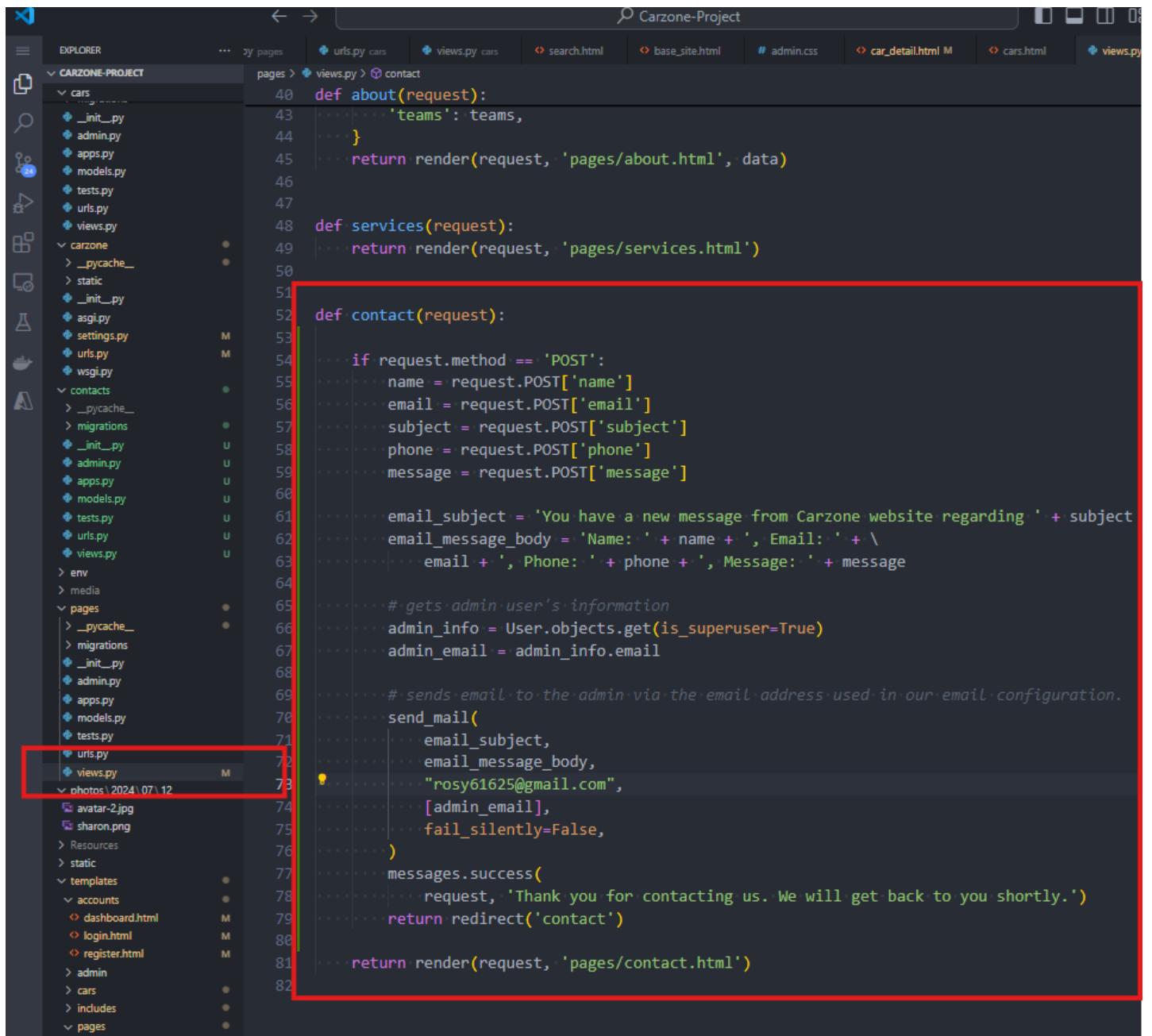
EXPLORER

CARZONE-PROJECT

- cars
- models.py
- tests.py
- urls.py
- views.py
- carzone
- \_\_pycache\_\_
- static
- \_\_init\_\_.py
- asgi.py
- settings.py
- urls.py
- wsgi.py
- contacts
- \_\_pycache\_\_
- migrations
- \_\_init\_\_.py
- admin.py
- apps.py
- models.py
- tests.py
- urls.py
- views.py
- env
- media
- pages
- \_\_pycache\_\_
- migrations
- \_\_init\_\_.py
- admin.py
- apps.py
- models.py
- tests.py
- urls.py
- views.py
- photos\2024\07\12
- avatar-2.jpg
- sharon.png
- Resources
- static
- templates

views.py > home

```
1 from django.shortcuts import render, redirect
2 from .models import Team
3 from cars.models import Car
4
5 from django.core.mail import send_mail
6 from django.contrib.auth.models import User
7 from django.contrib import messages
8
9
10 # Create your views here.
11 def home(request):
12     # get all the team members
13     teams = Team.objects.all()
14     featured_cars = Car.objects.order_by(
15         '-created_date').filter(is_featured=True)
16     all_cars = Car.objects.order_by('-created_date')
17     # extracts the values of these fields for searching
18     # search_fields = Car.objects.values('model', 'city', 'year', 'body_style')
19
20     # extracts only unique values on models into a list
21     model_search = Car.objects.values_list('model', flat=True).distinct()
22     city_search = Car.objects.values_list('city', flat=True).distinct()
23     year_search = Car.objects.values_list('year', flat=True).distinct()
24     body_style_search = Car.objects.values_list(
25         'body_style', flat=True).distinct()
26     data = {
27         'teams': teams,
28         'featured_cars': featured_cars,
29         'all_cars': all_cars,
30         # 'search_fields': search_fields,
31         'model_search': model_search,
32         'city_search': city_search,
33         'year_search': year_search,
```



```
40 def about(request):
41     teams = teams,
42     }
43     return render(request, 'pages/about.html', data)
44
45
46
47
48 def services(request):
49     return render(request, 'pages/services.html')
50
51
52 def contact(request):
53
54     if request.method == 'POST':
55         name = request.POST['name']
56         email = request.POST['email']
57         subject = request.POST['subject']
58         phone = request.POST['phone']
59         message = request.POST['message']
60
61         email_subject = 'You have a new message from Carzone website regarding ' + subject
62         email_message_body = 'Name: ' + name + ', Email: ' + \
63             email + ', Phone: ' + phone + ', Message: ' + message
64
65         # gets admin user's information
66         admin_info = User.objects.get(is_superuser=True)
67         admin_email = admin_info.email
68
69         # sends email to the admin via the email address used in our email configuration.
70         send_mail(
71             email_subject,
72             email_message_body,
73             "rosy61625@gmail.com",
74             [admin_email],
75             fail_silently=False,
76         )
77         messages.success(
78             request, 'Thank you for contacting us. We will get back to you shortly.')
79
80         return redirect('contact')
81
82         return render(request, 'pages/contact.html')
```

3. Update the CONTACT.HTML as:

Carzone-Project

EXPLORER    ...    cars    views.py cars    search.html    base\_site.html    admin.css    car\_detail.html M    cars.html    views.py pages M    contact.html

CARZONE-PROJECT

cars

- \_\_init\_\_.py
- admin.py
- apps.py
- models.py
- tests.py
- urls.py
- views.py

carzone

- \_\_pycache\_\_
- static
- \_\_init\_\_.py
- asgi.py
- settings.py
- urls.py
- wsgi.py

contacts

- \_\_pycache\_\_
- migrations
- \_\_init\_\_.py
- admin.py
- apps.py
- models.py
- tests.py
- urls.py
- views.py

env

media

pages

- \_\_pycache\_\_
- migrations
- \_\_init\_\_.py
- admin.py
- apps.py
- models.py
- tests.py
- urls.py
- views.py

photos

Resources

static

templates

- accounts
- dashboard.html M
- login.html M
- register.html M

admin

cars

includes

pages

- about.html
- contact.html M
- home.html
- services.html
- base.html

.gitignore

carzone\_db

21    <!-- Contact 2 start -->  
22    <div class="contact-2 content-area-5">  
23       <div class="container">  
24          <!-- Main title -->  
25          <div class="main-title text-center">  
26             <h1>Contact <span>Us</span></h1>  
27             <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod</p>  
28          </div>  
29       <form action="{% url 'contact' %}" method="POST" enctype="multipart/form-data">  
30             <% csrf\_token %>  
31             <!-- inserts the customized message -->  
32             <% include 'includes/messages.html' %>  
33          <div class="row">  
34             <div class="col-lg-7">  
35                <div class="row">  
36                   <div class="col-md-6 text-left">  
37                      <div class="form-group name">  
38                         <input type="text" name="name" class="form-control" placeholder="Name" />  
39                      </div>  
40                   </div>  
41                <div class="col-md-6">  
42                   <div class="form-group email">  
43                      <input type="email" name="email" class="form-control" placeholder="Email" />  
44                </div>  
45             </div>  
46          <div class="col-md-6">  
47             <div class="form-group subject">  
48                <input type="text" name="subject" class="form-control" placeholder="Subject" />  
49          </div>  
50          <div class="col-md-6">  
51             <div class="form-group number">  
52                <input type="text" name="phone" class="form-control" placeholder="Phone" />  
53          </div>  
54          </div>  
55       <div class="col-md-12">  
56          <div class="form-group message">  
57             <textarea class="form-control" name="message" placeholder="Write your message here" />  
58          </div>  
59       </div>  
60       <div class="col-md-12">  
61          <div class="form-group message">  
62             <input type="text" name="name" class="form-control" placeholder="Name" />  
63          </div>  
64       </div>  
65       <div class="col-md-12">  
66          <div class="form-group message">

4. Test it.



## Contact Us

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod

Russell Lim	russell@gmail.com
Pet Friendly Car	999-222-4444
What <u>will</u> you recommend for a family of 4 with pets?	
<input type="button" value="SEND MESSAGE"/>	

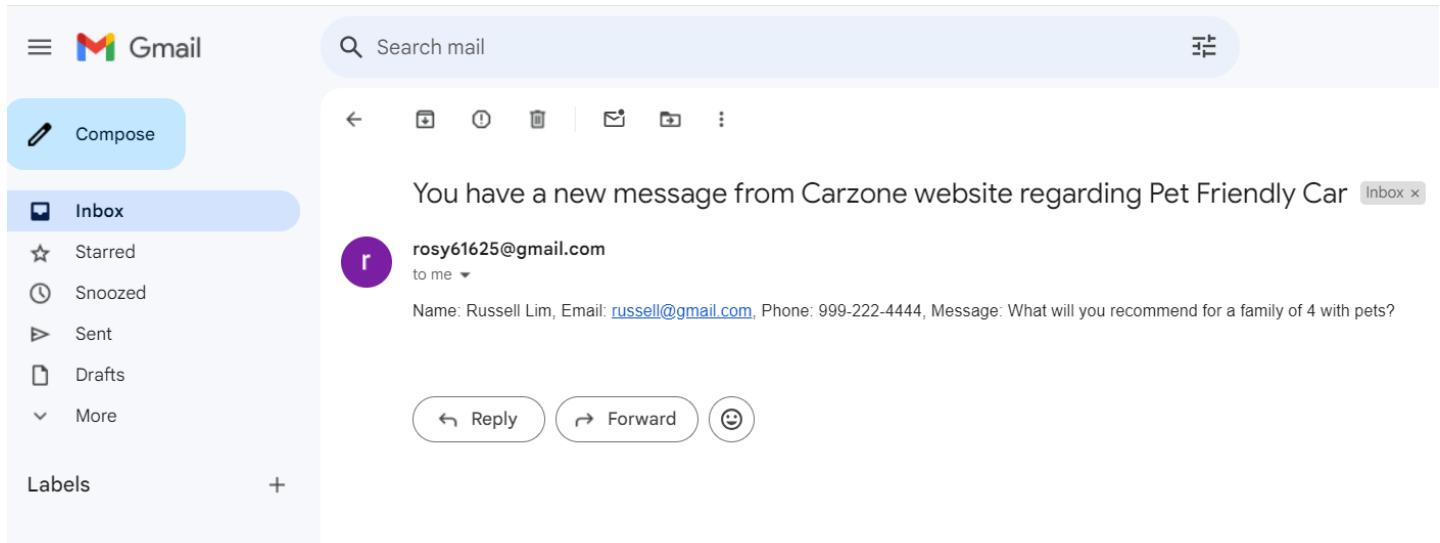
Phone: 0477 8556 552

Email: info@themevessel.com

Web: info@themevessel.com

Fax: +0477 85X6 552

See your email (the admin user email address). If you want to format the email, you need to use RENDER\_TO\_STRING (see your Notebook project and Blog Project for reference).



4.