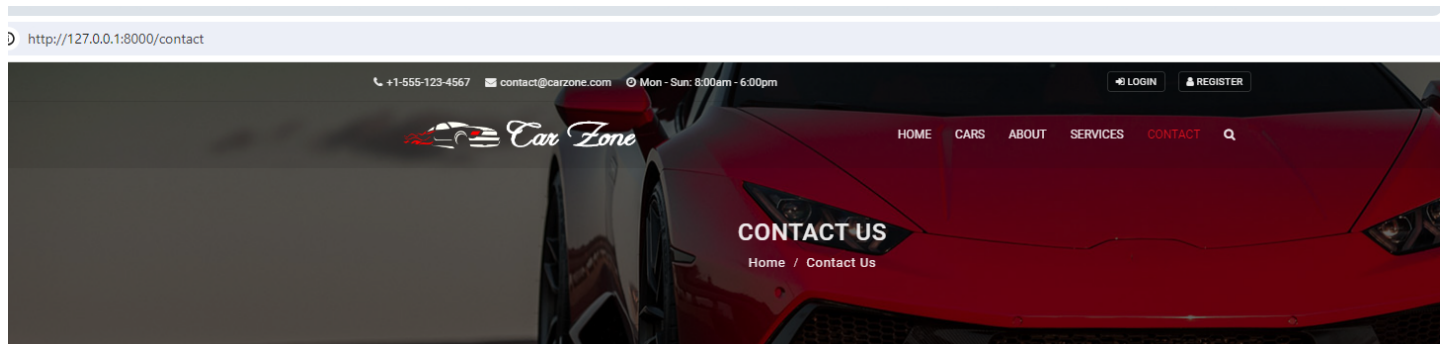


Topic: Car Listing: Contact Us Page & Send Emails Part 18

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

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<input type="text" value="Full Name"/>	<input type="text" value="Email"/>
<input type="text" value="Subject"/>	<input type="text" value="Phone Number"/>
<input type="text" value="Write message"/>	
<input type="button" value="SEND MESSAGE"/>	

Phone:
0477 8556 552

Email:
info@themevessel.com

Web:
info@themevessel.com

Fax:
+0477 85X6 552

2. Update the PAGES/VIEWS.PY

```
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,
```

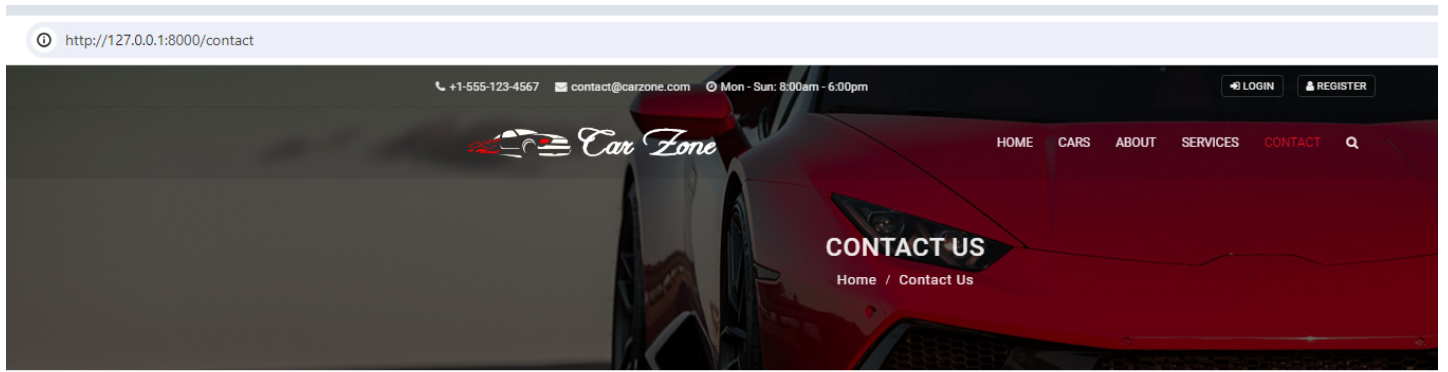
The Explorer sidebar on the left shows the project structure. The file `views.py` under the `pages` directory is highlighted with a red box.

```
40 def about(request):
41     ...
42     ... 'teams': teams,
43     ...
44     ...
45     ... return render(request, 'pages/about.html', data)
46
47
48 def services(request):
49     ...
50     ... return render(request, 'pages/services.html')
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     ...     return redirect('contact')
80
81     ... return render(request, 'pages/contact.html')
82
```

3. Update the CONTACT.HTML as:

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

4. Test it.



Contact Us

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

Phone:
0477 8556 552

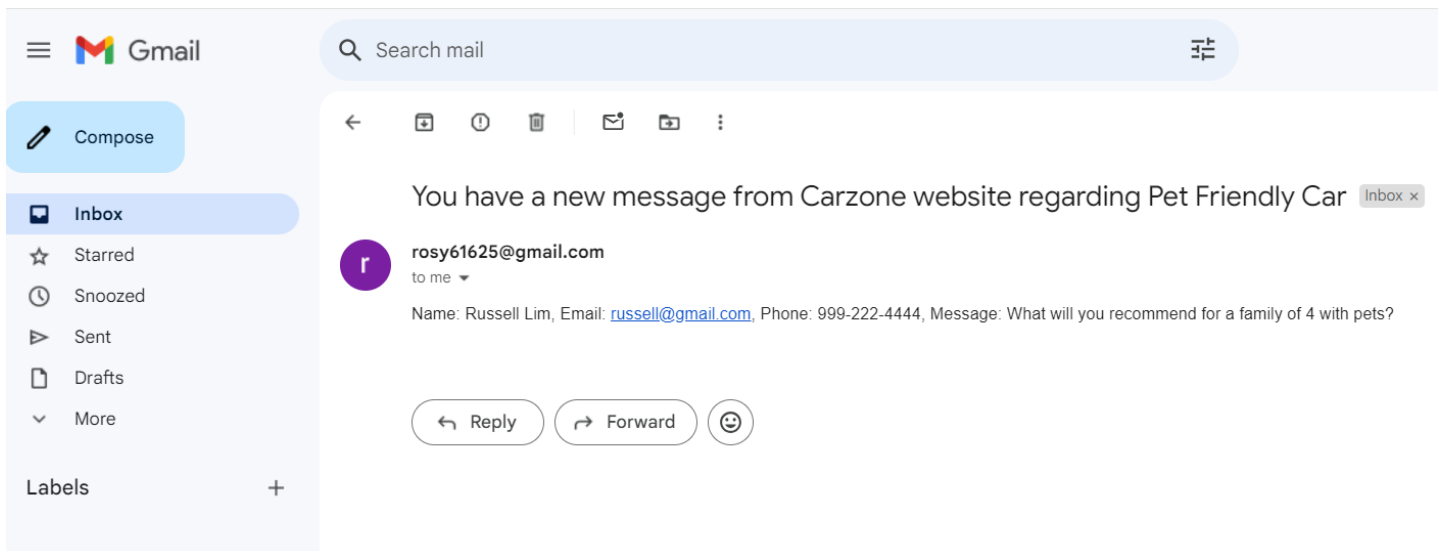
Email:
info@themevessel.com

Web:
info@themevessel.com

Fax:
+0477 85X6 552

SEND MESSAGE

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.