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1 from django.shortcuts import render, redirect
2 from django.contrib import messages, auth
3 from django.contrib.auth.models import User
4
5
6 def register(request):
7     if request.method == 'POST':
8         # get form values
9         first_name = request.POST['first_name']
10        last_name = request.POST['last_name']
11        username = request.POST['username']
12        email = request.POST['email']
13        password = request.POST['password']
14        password2 = request.POST['password2']
15        # check password
16        if password == password2:
17            # check username
18            if User.objects.filter(username=username).exists():
19                messages.error(request, "Username existed !")
20                return redirect('register')
21            else:
22                if User.objects.filter(email=email).exists():
23                    messages.error(request, "User email is being used !")
24                    return redirect('register')
25                else:
26                    # everything is fine by now
27                    user = User.objects.create_user(
28                        username=username, password=password, email=email,
29                        first_name=first_name, last_name=last_name)
30                    # goto login after register
31                    # method 1
32                    # auth.login(request, user)
33                    # messages.success(request, 'You are now logging in !')
34                    # return redirect('index')
35                    # method 2
36                    user.save()
37                    messages.success(request, 'You are now registered !')
38                    return redirect('login')
39            else:
40                messages.error(request, "Password do not match")
41                return redirect('register')
42        else:
43            return render(request, 'accounts/register.html')
44
45 def login(request):
46     if request.method == 'POST':
47         username = request.POST['username']
48         password = request.POST['password']
49         user = auth.authenticate(username=username, password=password)
50         # if not match then return None
51         if user is not None:
52             auth.login(request, user)
53             messages.success(request, 'You are logging in !')
54             return redirect('dashboard')
55         else:
56             messages.error(request, 'Invalid credentials')
57             return redirect('login')
58     else:
```

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59         return render(request, 'accounts/login.html')
60
61
62 def logout(request):
63     if request.method == 'POST':
64         auth.logout(request)
65         messages.success(request, "you are now logging out !")
66         return redirect('index')
67
68
69 def dashboard(request):
70     return render(request, 'accounts/dashboard.html')
71
```