

## ----- DJANGO TUTORIAL 11 -----

In this video I'll show you how to set the password change and reset part of your site. I'll also show you how to set up a system that sends out emails to verify any password changes.

1. Create password\_change\_form.html in templates/registration

```
{% extends 'base.html' %}

{% block title %}Change Password{% endblock title %}

{% block content %}
<h1>Change Password</h1>
<p>Enter your old password and then your new password twice</p>

<form method="POST">
  {% csrf_token %}
  <!-- Allows use to use the default password reset form -->
  {{ form.as_p }}
  <input class="btn btn-success" type="submit" value="Change my password">
</form>
{% endblock content %}
```

2. Create password\_change\_done.html in templates/registration

```
{% extends 'base.html' %}
{% block title %}Password Was Changed{% endblock title %}
{% block content %}
  <h1>Successful Password Change</h1>
  <p>Your password was changed</p>
{% endblock content %}
```

3. Testing resetting the password by using Django's built-in system. Add the following to settings

```
EMAIL_BACKEND = 'django.core.mail.backends.console.EmailBackend'
```

4. Go to [http://127.0.0.1:8000/users/password\\_reset/](http://127.0.0.1:8000/users/password_reset/) and [http://127.0.0.1:8000/users/password\\_reset/done/](http://127.0.0.1:8000/users/password_reset/done/) displays and a sample email shows in the console

5. Create password\_reset\_form.html in registration

```
{% extends 'base.html' %}

{% block title %}Forgot Your Password?{% endblock title %}

{% block content %}
<h1>Forgot your password?</h1>
<p>Enter your email address below, and we'll email instructions for setting a new one.</p>

<form method="POST">
  {% csrf_token %}
```

```

    {{ form.as_p }}
    <input class="btn btn-success" type="submit" value="Send me instructions!">
</form>
{% endblock content %}

```

#### 6. Create password\_reset\_done.html in registration

```

{% extends 'base.html' %}
{% block title %}Email Sent{% endblock title %}
{% block content %}
    <h1>Check your inbox</h1>
    <p>We've emailed you instructions for setting your password.
    You should receive the email shortly!</p>
{% endblock content %}

```

#### 7. Create password\_reset\_confirm.html in registration

```

{% extends 'base.html' %}
{% block title %}Enter new password{% endblock title %}
{% block content %}
    <h1>Set a New Password</h1>
    <form method="POST">
        {% csrf_token %}
        {{ form.as_p }}
        <input class="btn btn-success" type="submit" value="Change my password">
    </form>
{% endblock content %}

```

#### 8. Create password\_reset\_complete.html in registration

```

{% extends 'base.html' %}
{% block title %}Password Reset Complete{% endblock title %}
{% block content %}
    <h1>Password Reset Complete</h1>
    <p>Your new password has been set. You can log in now on the
    <a href=
    "{% url 'login' %}">log in page</a>.</p>
{% endblock content %}

```

9. I'll use <https://www.mailjet.com/> to send transactional emails using an SMTP Relay because it is the easiest option. We will send out a custom email when users try to change their password. Type the following command to setup everything you need to use MailJet

```
pip install django-mailjet
```

#### 10. Update settings to use SMTP

```

EMAIL_BACKEND = 'django_mailjet.backends.MailjetBackend'
MAILJET_API_KEY = 'YOUR API KEY'
MAILJET_API_SECRET = 'YOUR SECRET CODE'
DEFAULT_FROM_EMAIL = 'youremail@gmail.com'

```

Make sure the password you are sending the email to is different from the password you use in settings here

11. Try out your password reset system by going to [http://127.0.0.1:8000/users/password\\_reset/](http://127.0.0.1:8000/users/password_reset/)

1556