

Exercise 2.6: User Authentication in Django

Learning Goals

- Create authentication for your web application
- Use GET and POST methods
- Password protect your web application's views

Reflection Questions

1. In your own words, write down the importance of incorporating authentication into an application. You can take an example application to explain your answer.

-Incorporating authentication into an application is important because it's best practice to ensure that users are who they say they are. This is crucial to protecting important and sensitive data. This is especially true with the prevalence of fraud that exists today. In the case of this app, authentication is important as each user is likely to have their own individual database of recipes. If this included private information, one can imagine how crucial authentication then becomes.

2. In your own words, explain the steps you should take to create a login for your Django web application.

-To create a login, you first need to create the view, which is done in the views.py file. Then, you create the template, which is created in a new folder at the project level-not the app level. Then, you specify the URL, which is done at the project level urls.py, which is also where you register the URL to the project-the final step.

3. Look up the following three Django functions on Django's official documentation and/or other trusted sources and write a brief description of each.

Function	Description
authenticate()	User authentication system. Takes credentials as keyword arguments, username and password for the default case.
redirect()	The redirect() function is used to redirect the user from one URL to another.
include()	Include() function allows you to insert the URL conf of another application into the current URL conf.