

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.
Authentication is important in an application for security reasons. The views that are meant to be protected should have authentication so they are indeed protected.
2. In your own words, explain the steps you should take to create a login for your Django web application.
 - Create Django project and app first
 - Set up the user authentication system
 - Configure authentication URLs
 - Create Login template
 - Configure URL redirection after login
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()	function is used to verify a set of credentials (usually a username and password) against the user database. If the credentials are valid, it returns the corresponding User object; otherwise, it returns None.
redirect()	function is used to redirect the user to a different URL. It simplifies the process of returning an HTTP redirect response.
include()	template tag is used to include the content of another template within the current template. It's useful for reusing pieces of HTML code across multiple templates, such as headers, footers, or sidebars.

