

## 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 because it verifies the identity of the user, ensuring they are who they claim they are. It is essential for security, protecting sensitive information and providing personalized experience. For example, in an app like Dropbox, authentication ensures only the owner of the account can access the files and photos.

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

The first step is to create a login view, then create a template so when the user hits the login button, they will be redirected to login form, and register the URL to the project by adding the path.

Then protect the views so that user can not have access to the protected pages without logging in.

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()	Verifies a set of credentials. It takes credentials as keyword arguments, username and password for the default case, checks them against each authentication backend, and returns a User object if the credentials are valid for a backend.
redirect()	Is used to return an HTTP redirect to a specific URL.
include()	Allows you to include a template inside the current template.

