Exercise 2.4: Django Views and Templates

Learning Goals

- Summarize the process of creating views, templates, and URLs
- Explain how the "V" and "T" parts of MVT architecture work
- Create a frontend page for your web application

Reflection Questions

1. *Do some research on Django views. In your own words, use an example to explain how Django views work.*

   Django views are functions that handle user requests and generate responses. They act as the bridge between the user's browser and the server, processing data and returning the appropriate output.

2. *Imagine you're working on a Django web development project, and you anticipate that you'll have to reuse lots of code in various parts of the project. In this scenario, will you use Django function-based views or class-based views, and why?*

   In the scenario where code reuse is expected, it is recommended to use class-based views in Django. They provide a structured and reusable approach, making it easier to share and maintain code.

3. *Read Django's documentation on the Django template language and make some notes on its basics.*

   - It allows developers to create dynamic web pages by combining HTML with Django's template tags and variables.
   - Django template tags and variables are enclosed in curly braces {}.
   - The {% include %} tag allows you to include other template files within your main template.
   - Template filters modify the output of template variables.