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. What are Django Views?

Django views are functions or classes that handle web requests and return responses. For example, a view can return an HTML page when a user visits a specific URL.

2. Function-Based Views vs. Class-Based Views?

I would use **Class-Based Views** because they support code reuse through inheritance and built-in generic views like `ListView`, making it easier to manage repeated logic.

3. Notes on Django Template Language:

- Use `{{ }}` to display variables.
- Use `{% %}` for logic (like loops or if-statements).
- Use filters (e.g., `{{ name|upper }}`) to format data.
- Use `{% extends %}` and `{% block %}` for layout inheritance.
- Use `{% include %}` to reuse code like navbars or footers.