Template Inheritance

Implement template inheritance to create a consistent layout for different pages of the TODO App.

Setup

Base Template Creation

- Create a base HTML template (`base.html`) for the TODO App with common layout elements like header, footer, and navigation bar.

- Define content blocks within the base template for dynamic content insertion.

```html
<!-- Example: Base HTML template (base.html) -->
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <title>{% block title %}TODO App{% endblock %}</title>
  </head>
  <body>
    <header>
      <h1>TODO App</h1>
      <nav>
        <ul>
          <li><a href="/">Home</a></li>
          <li><a href="/tasks/">Tasks</a></li>
          <!-- Other navigation links -->
        </ul>
      </nav>
    </header>
    <main>{% block content %} {% endblock %}</main>
    <footer>
      <!-- Footer content -->
    </footer>
  </body>
</html>
```

Child Template Creation

- Extend the base template to create child templates for different pages of the TODO App (e.g., homepage, task detail page).

- Override content blocks in the child templates to insert page-specific content while inheriting the layout from the base template.

```html
<!-- Example: Child template extending base template -->
{% extends 'base.html' %} {% block title %}Task Detail{% endblock %} {% block
content %}
<h2>Task Detail</h2>
<!-- Task detail content -->
{% endblock %}
```

Summary

you will practice implementing template inheritance in the TODO App to create a consistent layout across multiple pages. You will understand how to reuse common layout elements and customize page-specific content using child templates.