HTML Template: base.html

1. Executive Summary

Defines the structural layout and content for a specific web page view.

2. Code Logic & Functionality

Uses the Jinja2 templating engine. The file allows for dynamic data insertion using `{{ variable }}` syntax and control structures like `{% if %}` loops within standard HTML markup.

3. Key Concepts & Definitions

- **Jinja2**: A modern and designer-friendly templating language for Python.
- **Template Inheritance**: The ability to extend a base layout (`base.html`) to avoid code duplication.
- **DOM**: Document Object Model, the data representation of the objects that comprise the structure and content of a document on the web.

4. Location Details

Path: `templates\base.html` **Type**: .HTML File

5. Source Code Preview (Snippet)

Running typical software analysis on this file:

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.
    <meta name="csrf-token" content="{{ csrf_token() }}">
    <title>{% block title %}Greenwood International{% endblock %} | Exc
    <!-- Fonts: Inter & Roboto (Modern Academic) -->
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin
    <link
        href="https://fonts.googleapis.com/css2?family=Inter:wght@300;4
        rel="stylesheet">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/b
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs
    <link rel="stylesheet" href="{{ url_for('static', filename='css/sty
    <link rel="stylesheet" href="{{ url_for('static', filename='css/mis
</head>
```

```html
<body>

    <!-- Navbar -->
    <nav class="navbar navbar-expand-lg navbar-light bg-white shadow-sm
        <div class="container">
            <a class="navbar-brand" href="{{ url_for('index') }}">
                <i class="fas fa-university me-2"></i> GREENWOOD
            </a>
            <button class="navbar-toggler" type="button" data-bs-toggle
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarNav">
                <ul class="navbar-nav ms-auto">
                    <li class="nav-item"><a class="nav-link" href="{{ u
                    <li class="nav-item"><a class="nav-link" href="{{ u
                    <li class="nav-item"><a class="nav-link" href="{{ u
                    <li class="nav-item"><a class="nav-link" href="{{ u
                    <li class="nav-item"><a class="nav-link" href="{{ u
                    <li class="nav-item"><a class="nav-link" href="{{ u
                    {% if session.get('parent_id') %}
                    <li class="nav-item"><a class="nav-link text-primar
                            Dashboard</a></li>
                    <li class="nav-item"><a class="nav-link" href="{{ u
                    {% elif session.get('admin_id') %}
                    <li class="nav-item"><a class="nav-link text-primar
                            Panel</a></li>
                    <li class="nav-item"><a class="nav-link" href="{{ u
                    {% elif session.get('tutor_id') %}
                    <li class="nav-item"><a class="nav-link text-primar
                            Dashboard</a></li>
                    <li class="nav-item"><a class="nav-link" href="{{ u
                    {% else %}
                    <li class="nav-item"><a class="nav-link btn btn-pri
                            href="{{ url_for('login') }}" style="margin
                    {% endif %}
                </ul>
            </div>
        </div>
    </nav>

    <!-- Flash Messages -->
    <div class="container mt-3">
        {% with messages = get_flashed_messages(with_categories=true) %
        {% if messages %}
        {% for category, message in messages %}
        <div class="alert alert-{{ category }} alert-dismissible fade s
            {{ message }}
            <button type="button" class="btn-close" data-bs-dismiss="al
        </div>
        {% endfor %}
        {% endif %}
        {% endwith %}
    </div>
```

```html
<!-- Main Content -->
{% block content %}{% endblock %}

<!-- Footer -->
<footer class="footer">
    <div class="container">
        <div class="row">
            <div class="col-md-4 mb-4">
                <h5>Greenwood International</h5>
                <p>A leading independent day and boarding school fo
                    generation of leaders.</p>
                <p><i class="fas fa-map-marker-alt me-2"></i> Green
                    1AA, United Kingdom</p>
            </div>
            <div class="col-md-4 mb-4">
                <h5>Quick Links</h5>
                <ul class="list-unstyled">
                    <li><a href="#">Term Dates</a></li>
                    <li><a href="#">School Policies</a></li>
                    <li><a href="#">Careers</a></li>
                    <li><a href="{{ url_for('contact') }}">Contact
                </ul>
            </div>
            <div class="col-md-4 mb-4">
                <h5>Contact</h5>
                <ul class="list-unstyled">
                    <li><i class="fas fa-phone me-2"></i> +44 (0) 1
                    <li><i class="fas fa-envelope me-2"></i> greenw
                </ul>
                <div class="mt-3">
                    <a href="#" class="me-3"><i class="fab fa-twitt
                    <a href="#" class="me-3"><i class="fab fa-faceb
                    <a href="#" class="me-3"><i class="fab fa-insta
                    <a href="#"><i class="fab fa-linkedin fa-lg"></
                </div>
            </div>
        </div>
        <div class="footer-bottom mt-4 pt-4 border-top border-secon
            <div class="row">
                <div class="col-md-6">
                    <p>© 2025 Greenwood International School. All R
                </div>
                <div class="col-md-6 text-md-end">
                    <p>Registered Charity No. 123456 | Registered i
                </div>
            </div>
        </div>
    </div>
</footer>

<!-- Scripts -->
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/b
```

```
    <script src="{{ url_for('static', filename='js/script.js') }}"></sc
    {% block extra_js %}{% endblock %}
</body>

</html>
```