

HTML Template: index.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\index.html` Type: .HTML File

5. Source Code Preview (Snippet)

Running typical software analysis on this file:

```
{% extends "base.html" %}

{% block title %}Portal{% endblock %}

{% block content %}
<div class="container py-5">
    <div class="row min-vh-75 align-items-center justify-content-center">
        <div class="col-lg-8 text-center">
            <h1 class="display-4 fw-bold text-3d mb-4">Student & Parent
            <p class="lead mb-5">Manage activities, track progress, and

            <div class="row g-4 justify-content-center">
                <div class="col-md-5">
                    <div class="glass-card p-5 h-100">
                        <i class="fas fa-user-shield fa-3x mb-4 icon-te
                        <h3>Parents</h3>
                        <p class="mb-4">Book activities, view invoices,
                        <a href="{{ url_for('login') }}" class="btn btn
                        <a href="{{ url_for('register') }}" >
                            class="btn btn-outline-light w-100 rounded-
```

```
        </div>
    </div>
    <div class="col-md-5">
        <div class="glass-card p-5 h-100">
            <i class="fas fa-chalkboard-teacher fa-3x mb-4" style="font-size: 48px; color: #ccc; opacity: 0.5; position: absolute; left: -10px; top: -10px; z-index: -1;"></i>
            <h3>Staff & Tutors</h3>
            <p class="mb-4">Manage classes, take attendance</p>
            <div class="d-grid gap-2">
                <a href="{{ url_for('tutor_login') }}" class="btn btn-primary w-100">Tutor Login</a>
                <a href="{{ url_for('admin_login') }}" class="btn btn-primary w-100">Admin Login</a>
            </div>
        </div>
    </div>
</div>
{% endblock %}
```