

# HTML Template: dashboard.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\dashboard.html` **Type:** .HTML File

## 5. Source Code Preview (Snippet)

Running typical software analysis on this file:

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

{% block title %}Dashboard{% endblock %}

{% block content %}
<div class="container py-5">
  <!-- Welcome Section -->
  <div class="row mb-5">
    <div class="col-12">
      <div
        class="card bg-primary text-white p-4 d-flex flex-row j
        <div>
          <h2 class="mb-0 font-heading">Welcome back, {{ pare
          <p class="mb-0 opacity-75">{{ now.strftime('%A, %B
        </div>
        <button class="btn btn-light text-primary fw-bold" data
          data-bs-target="#addChildModal">
            <i class="fas fa-plus me-2"></i> Add Child
        </button>
      </div>
    </div>
  </div>
</div>
```

```

        </div>
</div>

<div class="row g-4">
    <!-- Sidebar: Children & Bookings -->
    <div class="col-lg-4">
        <!-- My Children -->
        <div class="card mb-4 shadow-sm">
            <div class="card-header bg-white border-bottom">
                <h5 class="mb-0 text-primary"><i class="fas fa-chil
            </div>
            {% if children %}
            <div class="list-group list-group-flush">
                {% for child in children %}
                <div class="list-group-item d-flex justify-content-
                    <div>
                        <h6 class="mb-0 fw-bold">{{ child.name }}</
                        <small class="text-muted">Year {{ child.gra
                    </div>
                        <span class="badge bg-secondary rounded-pill">{
                    </div>
                {% endfor %}
            </div>
            {% else %}
            <div class="card-body text-center text-muted">
                <p class="mb-0">No children added yet.</p>
            </div>
            {% endif %}
        </div>

        <!-- Upcoming Bookings -->
        <div class="card shadow-sm">
            <div class="card-header bg-white border-bottom">
                <h5 class="mb-0 text-primary"><i class="fas fa-cale
            </div>
            {% if bookings %}
            <div class="list-group list-group-flush">
                {% for booking in bookings %}
                <div class="list-group-item">
                    <div class="d-flex justify-content-between">
                        <h6 class="mb-1 fw-bold">{{ booking.activit
                        <span class="badge bg-success">Confirmed</s
                    </div>
                    <p class="mb-1 small text-muted">Child: {{ book
                    <div class="d-flex justify-content-between align
                        <small class="text-muted"><i class="far fa-
                            booking.booking_date.strftime('%d %b %Y
                    </div>
                        <a href="{{ url_for('generate_invoice',
                            class="btn btn-sm btn-outline-prima
                            <i class="fas fa-file-invoice"></i>
                        </a>
                        <form action="{{ url_for('cancel_bookin

```

[illegible]

```

        </span>
        {% elif available <= 3 %} <span cla
            <i class="fas fa-hourglass-half
        </span>
        {% else %}
        <span class="badge bg-success">
            <i class="fas fa-check-circ
        </span>
        {% endif %}

        <small class="text-muted">
            {{ booked }} / {{ activity.
        </small>
    </div>
    <div class="progress" style="height: 8p
        <div class="progress-bar bg-{{ 'dan
            style="width: {{ percent }}%" r
            aria-valuemin="0" aria-valuemax
        </div>
    </div>

    <!-- Tutor Profile Link -->
    {% if activity.tutor %}
    <div class="mt-3 pt-3 border-top">

```

... [Code Truncated for Documentation Readability - See Source File for