

HTML Template: attendance.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\tutor\attendance.html **Type:** .HTML File

5. Source Code Preview (Snippet)

Running typical software analysis on this file:

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

{% block title %}Take Attendance - {{ activity.name }}{% endblock %}

{% block content %}
<div class="container py-5">
    <div class="row justify-content-center">
        <div class="col-lg-10">
            <div class="mb-4">
                <a href="{{ url_for('tutor_dashboard') }}" class="text-decoration-none text-primary">
                    <i class="fas fa-arrow-left me-1"></i> Back to Dashboard
                </a>
                <h2 class="text-primary mb-0">Attendance: {{ activity.name }}</h2>
                <p class="text-muted">{{ activity.day_of_week }} | {{ activity.time }}</p>
            </div>

            <div class="card shadow-sm">
                <div class="card-header bg-primary text-white p-4">
                    <div class="row align-items-center">
```

```

<div class="col-md-6">
    <h5 class="mb-0"><i class="fas fa-clipboard"></i> Bookings
</div>
<div class="col-md-6">
    <div class="input-group">
        <span class="input-group-text bg-white">
            <input type="date" class="form-control" value="{{ booking.date | date:'Y-m-d' }}" readonly>
        </span>
    </div>
</div>
</div>

<div class="card-body p-0">
    {%
        if bookings
    %}
    <form method="POST" action="{% url_for('tutor_attendances') %}">
        <input type="hidden" name="csrf_token" value="{{ csrf_token() }}>
        <input type="hidden" name="date" value="{{ today | date:'Y-m-d' }}>

        <div class="table-responsive">
            <table class="table table-hover mb-0">
                <thead class="table-light">
                    <tr>
                        <th class="ps-4">Student</th>
                        <th>Grade</th>
                        <th>Status</th>
                        <th>Notes</th>
                    </tr>
                </thead>
                <tbody>
                    {% for booking in bookings %}
                    <tr>
                        <td class="ps-4">
                            <div class="d-flex align-items-center">
                                <div class="avatar-circle">
                                    {{ booking.child.name | title | slice:0:1 }}>
                                </div>
                                <div>
                                    <h6 class="mb-0">{{ booking.child.name | title }}</h6>
                                    <small class="text-decoration-underline">{{ booking.child.id }}</small>
                                </div>
                            </div>
                        </td>
                        <td class="align-middle">
                            <span class="badge bg-secondary">{{ booking.status }}</span>
                        </td>
                        <td class="align-middle">
                            <div class="btn-group" role="group">
                                <input type="radio" class="status-radio" name="status_{{ booking.id }}_present" checked="" id="present_{{ booking.id }}_present" value="present">
                                <label class="btn btn-outline-primary" for="present_{{ booking.id }}_present">Present</label>
                                <input type="radio" class="status-radio" name="status_{{ booking.id }}_absent" id="absent_{{ booking.id }}_absent" value="absent">
                                <label class="btn btn-outline-primary" for="absent_{{ booking.id }}_absent">Absent</label>
                            </div>
                        </td>
                    </tr>
                    {% endfor %}
                </tbody>
            </table>
        </div>
    </form>
</div>

```

```

                <i class="fas fa-ch
            </label>

                <input type="radio" cla
                    name="status_{{ boo
                    id="late_{{ booking
                <label class="btn btn-o
                    for="late_{{ bookin
                        <i class="fas fa-cl
                    </label>

                <input type="radio" cla
                    name="status_{{ boo
                    id="absent_{{ booki
                <label class="btn btn-o
                    for="absent_{{ book
                        <i class="fas fa-ti
                    </label>
                </div>
            </td>
            <td class="align-middle">
                <input type="text" class="f
                    placeholder="Optional n
            </td>
        </tr>
    {%
        endfor %
    </tbody>
</table>
</div>

<div class="card-footer bg-white p-4 border-top
    <div class="row align-items-center">
        <div class="col-md-6">
            <p class="mb-0 text-muted">
                <i class="fas fa-users me-2"></i>
                <strong>{{ bookings|length }}</strong>
            </p>
        </div>
        <div class="col-md-6 text-end">
            <button type="submit" class="btn bt
                <i class="fas fa-save me-2"></i>
            </button>
        </div>
    </div>
</div>
</form>

{%
    else %
<div class="text-center py-5">
    <i class="fas fa-users-slash fa-3x text-muted m
    <h5 class="text-muted">No Students Enrolled</h5
    <p class="text-muted">There are no confirmed bo
</div>
```

```
        { % endif %}
    </div>
</div>
</div>
</div>

<style>
    .avatar-circle {
        width: 45px;
        height: 45px;
        border-radius: 50%;
        display: flex;
        align-items: center;
        justify-content: center;
        font-weight: bold;
        font-size: 18px;
    }

    .btn-group label {
        min-width: 90px;
    }

    .table td {
        vertical-align: middle;
    }
</style>
{% endblock %}
```