

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

5. Source Code Preview (Snippet)

Running typical software analysis on this file:

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

{% block title %}Register - School Activity Booking{% endblock %}

{% block content %}
<div class="container py-5">
    <div class="row justify-content-center">
        <div class="col-md-6">
            <div class="card shadow-lg border-0">
                <div class="card-body p-5">
                    <h2 class="card-title mb-4 text-center text-primary

                        {% if error %}
                            <div class="alert alert-danger" role="alert">
                                {{ error }}
                            </div>
                        {% endif %}

                    <form method="POST" action="{{ url_for('register') }}>
                        <input type="hidden" name="csrf_token" value="{{
```

```
<div class="mb-3">
    <label for="name" class="form-label">Full N
        <input type="text" class="form-control form-
    </div>

<div class="mb-3">
    <label for="email" class="form-label">Email
        <input type="email" class="form-control for-
    </div>

<div class="mb-3">
    <label for="phone" class="form-label">Phone
        <input type="tel" class="form-control form-
            pattern="[0-9+\s-]{10,15}"
            title="Phone number must contain only d
            required>
    </div>

<div class="mb-3">
    <label for="password" class="form-label">Pa
        <input type="password" class="form-control
            minlength="8" required>
        <small class="text-muted">At least 8 charac
    </div>

<div class="mb-4">
    <label for="confirm_password" class="form-l
        <input type="password" class="form-control
            name="confirm_password" required>
    </div>

    <button type="submit" class="btn btn-primary-cu
</form>

<p class="text-center text-muted">
    Already have an account? <a href="{{ url_for('l
        here</a>
    </p>
    </div>
</div>
</div>
</div>
</div>
{%
    endblock %
}
```