

# 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 Name
    <input type="text" class="form-control form-control-lg" required>
</div>

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

<div class="mb-3">
    <label for="phone" class="form-label">Phone Number
    <input type="tel" class="form-control form-control-lg"
        pattern="[0-9+\s-]{10,15}"
        title="Phone number must contain only digits and spaces, dashes, and plus signs. Minimum 10 characters." required>
</div>

<div class="mb-3">
    <label for="password" class="form-label">Password
    <input type="password" class="form-control form-control-lg"
        minlength="8" required>
    <small class="text-muted">At least 8 characters, including uppercase and lowercase letters, numbers, and special characters.
</div>

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

<button type="submit" class="btn btn-primary btn-block">Sign Up
</form>

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

```