base.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta http-equiv="X-UA-Compatible" content="IE=edge" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>{{ APP_NAME or "VulnEdu" }}</title>
  <!-- Main CSS: handles theme/colors/layout -->
  <link rel="stylesheet" href="{{ url_for('static', filename='css/styles.css')}</pre>
}}" />
  <!-- Chart.js for all dashboard visualizations -->
  <script src="https://cdn.jsdelivr.net/npm/chart.js"></script>
  <style>
    /* Basic body & overall theme settings */
    body {
      margin: 0;
      font-family: 'Segoe UI', 'Arial', 'sans-serif';
      background-color: #101828;
      color: #f8fafc;
    /* Sidebar: fixed, full-height, with dark theme blues */
    .sidebar {
      width: 250px;
      background: #1a2236;
      color: #fff;
      padding: 30px 0 0 0;
      height: 100vh;
      position: fixed;
      left: 0; top: 0; bottom: 0;
      box-shadow: 2px 0 14px rgba(0,0,0,0.1);
    }
    .sidebar-header {
      font-weight: 700;
      font-size: 1.5rem;
      color: #63a4ff;
                                /* Brand blue highlight */
      text-align: center;
      margin-bottom: 30px;
    ş
    .sidebar-links {
      padding-left: 24px;
      display: flex;
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flex-direction: column;
 gap: 12px;
}
/* Sidebar navigation links styling */
.sidebar-links a,
.sidebar-links .sidebar-parent {
 color: #a9adc1;
 text-decoration: none;
 font-weight: 600;
 padding: 8px 6px;
  border-radius: 4px;
 transition: background 0.2s, color 0.2s;
}
.sidebar-links a.active, .sidebar-links a:hover {
  background: #263159;
  color: #fff;
}
.sidebar-links .sidebar-parent {
  padding-bottom: 4px;
/* Learn submenu for educational content/topics */
.sidebar-submenu {
 display: flex;
 flex-direction: column;
 gap: 4px;
 margin-left: 20px;
 margin-top: 3px;
.sidebar-submenu a {
 font-weight: 520;
 font-size: 0.97em;
  padding: 7px 7px 7px 18px;
  color: #a9adc1;
  border-radius: 3px;
 transition: background 0.2s, color 0.2s;
.sidebar-submenu a.active, .sidebar-submenu a:hover {
  background: #263159;
  color: #63a4ff;
/* Main content wrapper: shifted over so sidebar doesn't overlap */
.mainwrap {
  margin-left: 250px;
  min-height: 100vh;
  background: #101828;
  box-sizing: border-box;
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header {
      padding: 0;
      background: transparent;
      color: inherit;
    }
    /* Content area (centered, padded) */
      max-width: 1500px;
      margin: 0 auto;
      padding: 36px 40px;
    /* Simple footer: low contrast, right-aligned */
    footer {
      padding: 16px;
      background: #151e37;
      color: #94a3b8;
      font-size: 0.91em;
      text-align: right;
    }
  </style>
  {% block head %}{% endblock %}
</head>
<body>
  <!-- === Sidebar: Main Navigation === -->
  <aside class="sidebar">
    <div class="sidebar-header">VulnEdu</div>
    <div class="sidebar-links">
      <!-- Primary nav items; highlights active page -->
      <a href="{{ url_for('index') }}" class="{% if request.endpoint ==</pre>
'index' %}active{% endif %}">Dashboard</a>
      <a href="{{ url_for('vulnerabilities') }}" class="{% if request.endpoint</pre>
== 'vulnerabilities' %}active{% endif %}">Vulnerabilities</a>
      <div class="sidebar-parent" style="font-size:1.05em;</pre>
color:#a9adc1;">Learn</div>
      <div class="sidebar-submenu">
        <!-- Educational content, with highlighting for current topic -->
        <a href="{{ url_for('learn_topic', topic='what-is-cwe') }}" class="{%
if request.endpoint == 'learn_topic' and request.view_args.topic == 'what-is-
cwe' %}active{% endif %}">
          What is a CWE?
        </a>
        <a href="{{ url_for('learn_topic', topic='what-is-cve') }}" class="{%
if request.endpoint == 'learn_topic' and request.view_args.topic == 'what-is-
cve' %}active{% endif %}">
          What is a CVE?
```

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</a>
        <a href="{{ url_for('learn_topic', topic='cvss-scores') }}" class="{%
if request.endpoint == 'learn_topic' and request.view_args.topic == 'cvss-
scores' %}active{% endif %}">
          Understanding CVSS Scores
        </a>
        <a href="{{ url_for('learn_topic', topic='what-is-nvd-mitre') }}"</pre>
class="{% if request.endpoint == 'learn_topic' and request.view_args.topic ==
'what-is-nvd-mitre' %}active{% endif %}">
          What is NVD & MITRE?
        </a>
        <a href="{{ url_for('learn_topic', topic='cve-vs-cwe-vs-cvss') }}"
class="{% if request.endpoint == 'learn_topic' and request.view_args.topic ==
'cve-vs-cwe-vs-cvss' %}active{% endif %}">
          CVE vs CWE vs CVSS
        </a>
      </div>
      <a href="{{ url_for('references') }}" class="{% if request.endpoint ==</pre>
'references' %}active{% endif %}">References & Resources</a>
    </div>
 </aside>
 <!-- === Main Content Area (shifted for sidebar) === -->
 <div class="mainwrap">
    <header></header>
    <main>
      {% block content %}{% endblock %}
    </main>
    <footer>@ 2025 VulnEdu · Educational CVE Analysis Tool/footer>
 </div>
 <!-- Main application JS -->
 <script src="{{ url_for('static', filename='js/main.js') }}"></script>
 {% block scripts %}{% endblock %}
</body>
</html>
```