Title

Admin Dashboard with CSS Grid Layout and Theme Switching

Objective

Design and build a professional, responsive admin dashboard interface using HTML, CSS Grid layout, and a theme switching feature (light and dark modes). This task focuses on advanced layout skills and the application of design adaptability through theming.

Task Description

Create a web-based admin dashboard page that includes the following sections:

- Header: Contains the dashboard title and a theme switch (light/dark).
- Sidebar: Includes navigation links such as Home, Users, and Settings.
- Main Content Area: Placeholder for data visualization, reports, or welcome messages.
- Footer: Displays footer text or copyright.

The page should:

- Use CSS Grid to arrange and align these sections into a clean, professional layout.
- Implement theme switching functionality so that the entire dashboard can switch between light mode and dark mode.
- The switch should update background colors, text colors, and other style elements clearly, without requiring page reload.

Code

HTML Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Admin Dashboard</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <div class="container">

    <header class="navbar">
      <div class="title">Admin Dashboard</div>
      <label class="toggle-container">
        <input type="checkbox" id="darkModeToggle">
        Dark Mode
      </label>
```

```html
  </header>

  <div class="main">
    <aside class="sidebar">
      <ul>
        <li><a href="#">Home</a></li>
        <li><a href="#">Users</a></li>
        <li><a href="#">Settings</a></li>
      </ul>
    </aside>

    <section class="content">
      <h2>Welcome, Admin!</h2>
      <p>This is the main area. Add charts, tables, or reports here.</p>
          <p align="center"><u>Admin Report — August 2025</u></p>

          <table align="center" border="1" cellpadding="5" cellspacing="0">
            <thead>
              <tr>
                <th>Metric</th>
                <th>Value</th>
              </tr>
            </thead>
            <tbody>
              <tr>
                <td>Total Users</td>
                <td>1,250</td>
              </tr>
              <tr>
                <td>New Signups</td>
                <td>120</td>
              </tr>
              <tr>
                <td>Active Users</td>
                <td>987</td>
              </tr>
              <tr>
                <td>Reported Issues</td>
                <td>15</td>
              </tr>
              <tr>
                <td>Resolved Tickets</td>
                <td>13</td>
              </tr>
            </tbody>
          </table>

    </section>
  </div>
```

```html
      <footer class="footer">
        © 2025 Admin Panel
      </footer>
    </div>

    <script>

      const toggle = document.getElementById('darkModeToggle');
      toggle.addEventListener('change', () => {
      document.body.classList.toggle('dark', toggle.checked);
      });
    </script>
  </body>
</html>
```

CSS Code:

```css
body {

  margin: 0;
  font-family: Arial, sans-serif;
}

.container {
  display: flex;
  flex-direction: column;
  height: 100vh;
  border: 1px solid #333;
}

/* Navbar */
.navbar {
  background-color: #4CAF50;
  color: white;
  display: flex;
  justify-content: space-between;
  padding: 10px 20px;
  align-items: center;
}

.navbar .title {
  font-weight: bold;
  font-size: 20px;
}

.mode-switch select {
  padding: 4px;
}
```

```css
/* Main section */
.main {
  display: flex;
  flex: 1;
}

/* Sidebar */
.sidebar {
  width: 150px;
  background-color: #f1f1f1;
  padding: 20px;
}

.sidebar ul {
  list-style-type: disc;
  padding-left: 20px;
}

.sidebar a {
  text-decoration: underline;
  color: purple;
}

/* Content */
.content {
  padding: 20px;
  flex: 1;
}

/* Footer */
.footer {
  background-color: #4CAF50;
  color: white;
  text-align: center;
  padding: 10px 0;
}

/* Dark Mode */
body.dark {
  background-color: #222;
  color: white;
}

body.dark .navbar,
body.dark .footer {
  background-color: #333;
  color: white;
}

body.dark .sidebar {
```

```
    background-color: #444;
}

body.dark .sidebar a {
    color: #ffccff;
}

body.dark .content {
    background-color: #222;
}
```

Output