
EXPERIMENT-2

HTML:

```
<div class="dashboard" data-theme="light">
  <aside class="sidebar">Sidebar Menu</aside>
  <main class="content">
    <div class="card">Dashboard Content</div>
    <button id="theme-toggle">Toggle Theme</button>
  </main>
</div>
```

CSS:

```
:root {
  --bg-color: #ffffff;
  --text-color: #000000;
}

[data-theme="dark"] {
  --bg-color: #1a1a1a;
  --text-color: #f0f0f0;
}

.dashboard {
  display: grid;
  grid-template-columns: 250px 1fr;
  grid-template-areas: "sidebar content";
  background-color: var(--bg-color);
  color: var(--text-color);
  min-height: 100vh;
}

.sidebar {
  grid-area: sidebar;
  padding: 1rem;
  background-color: #ccc;
}

.content {
  grid-area: content;
  padding: 1rem;
}

@media (max-width: 768px) {
  .dashboard {
    grid-template-columns: 1fr;
    grid-template-areas:
```

```
        "sidebar"  
        "content";  
    }  
}
```

JavaScript:

```
const toggle = document.getElementById('theme-toggle');  
const dashboard = document.querySelector('.dashboard');  
  
toggle.addEventListener('click', () => {  
    const newTheme = dashboard.dataset.theme === 'light' ? 'dark' : 'light';  
    dashboard.dataset.theme = newTheme;  
    localStorage.setItem('theme', newTheme);  
});  
  
window.addEventListener('DOMContentLoaded', () => {  
    const savedTheme = localStorage.getItem('theme');  
    if (savedTheme) {  
        dashboard.dataset.theme = savedTheme;  
    }  
});
```