

EXP-3:

Admin Dashboard with CSS Grid & Dynamic Theme Switching:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <title>Admin Dashboard</title>
  <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
  <style>
    :root {
      --bg: #f4f4fa;
      --sidebar: #222b45;
      --sidebar-text: #fff;
      --main: #fff;
      --accent: #3560f6;
      --text: #1c1e21;
    }
    [data-theme="dark"] {
      --bg: #181c23;
      --sidebar: #233;
      --sidebar-text: #c8cfff;
      --main: #24273a;
      --accent: #e9b96e;
      --text: #f5f7fa;
    }
    body {
      font-family: 'Segoe UI', sans-serif;
      margin: 0; background: var(--bg); color: var(--text);
      min-height: 100vh;
      transition: background 0.3s, color 0.3s;
    }
    .dashboard {
      min-height: 100vh; display: grid;
      grid-template-areas:
        "sidebar header"
        "sidebar main";
      grid-template-columns: 220px 1fr;
      grid-template-rows: 60px 1fr;
```

```
}
.sidebar {
  grid-area: sidebar;
  background: var(--sidebar);
  color: var(--sidebar-text);
  padding: 1.5rem 1rem;
  min-height: 0;
  display: flex;
  flex-direction: column;
  gap: 1.5rem;
}
.sidebar h2 { color: var(--accent); font-size: 1.4rem; }
.sidebar a {
  color: var(--sidebar-text); text-decoration: none;
  padding: 0.4rem 0.8rem; border-radius: 4px;
}
.sidebar a.active, .sidebar a:hover { background: var(--accent); color: #fff; }
.header {
  grid-area: header; background: var(--main);
  display: flex;
  align-items: center; justify-content: space-between;
  padding: 0 1.5rem; box-shadow: 0 2px 4px #0001;
}
.main {
  grid-area: main; background: var(--main);
  padding: 2rem;
}
.main h1 { margin-top: 0; }
.dashboard-widgets {
  display: grid; gap: 1.5rem;
  grid-template-columns: repeat(auto-fit, minmax(200px, 1fr));
  margin-top: 1.5rem;
}
.widget {
  background: var(--bg); border-radius: 10px; padding: 1.2rem;
  box-shadow: 0 2px 8px #0001;
}
.theme-toggle {
  cursor: pointer; padding: 0.5rem 1.2rem;
  border: none; border-radius: 6px;
```

```

    background: var(--accent); color: #fff; font-size: 1rem;
    transition: background .3s;
    margin-left: 2rem;
  }
  @media (max-width: 800px) {
    .dashboard { grid-template-areas: "header" "main" "sidebar"; grid-template-columns:
1fr; grid-template-rows: 60px 1fr auto;}
    .sidebar { flex-direction: row; gap: 2rem; justify-content: center; }
    .main { padding: 1rem;}
  }
</style>
</head>
<body>
<div class="dashboard" id="dashboard">
  <nav class="sidebar">
    <h2>Admin</h2>
    <a href="#" class="active">Dashboard</a>
    <a href="#">Users</a>
    <a href="#">Reports</a>
    <a href="#">Settings</a>
  </nav>
  <header class="header">
    <span>Admin Dashboard</span>
    <button class="theme-toggle" onclick="toggleTheme()"> 🌙 / 🌞 Theme</button>
  </header>
  <main class="main">
    <h1>Welcome, Admin!</h1>
    <div class="dashboard-widgets">
      <div class="widget">
        <h3>Users</h3>
        <p>Registered: <b>256</b></p>
      </div>
      <div class="widget">
        <h3>Transactions</h3>
        <p>This Month: <b>1,245</b></p>
      </div>
      <div class="widget">
        <h3>Errors</h3>
        <p>Critical: <b>2</b></p>
      </div>
    </div>
  </main>
</div>

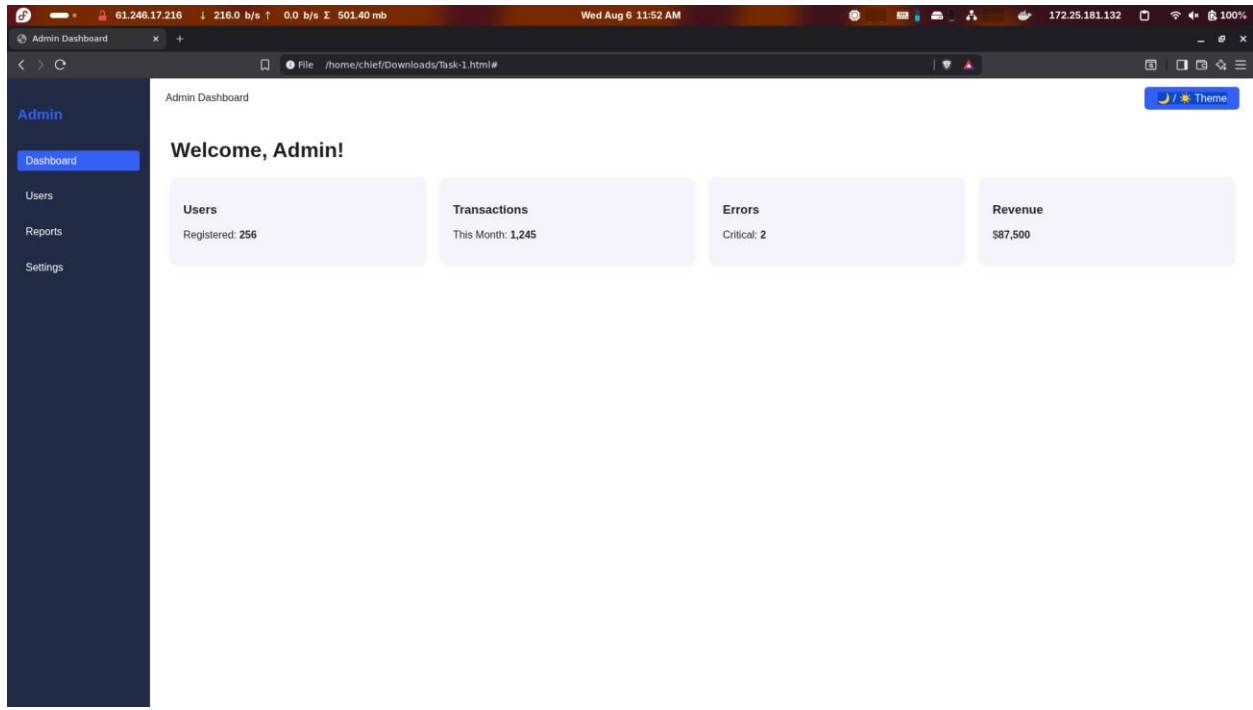
```

```
<div class="widget">
  <h3>Revenue</h3>
  <p>$<b>87,500</b></p>
</div>
</div>
</main>
</div>
<script>
function toggleTheme() {
  const theme = document.body.getAttribute('data-theme');
  if(theme === 'dark') {
    document.body.removeAttribute('data-theme');
    localStorage.setItem('theme','light');
  } else {
    document.body.setAttribute('data-theme','dark');
    localStorage.setItem('theme','dark');
  }
}
(function(){ //Persist theme
  if(localStorage.getItem('theme') === 'dark') {
    document.body.setAttribute('data-theme','dark');
  }
})();
</script>
</body>
</html>
```

OUTPUTS:

Task-3:

Normal Dashboard in Default Mode:



Normal Dashboard in Dark Mode:

