

## EXPERIMENT-1.3

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Subject: Full Stack

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- **Aim:**

Admin Dashboard with CSS Grid Layout and Theme Switching

- **Theory:**

**Admin Dashboard** uses **CSS Grid** to create a flexible, responsive layout with sections like header, sidebar, and content. **Theme Switching** lets users toggle between light and dark modes by changing CSS variables or classes, improving usability and appearance.

- **Code:**

**Index.html**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Admin Dashboard</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body>
  <div class="wrapper">

    <input type="checkbox" name="DarkMode" id="darkbtn">
    <label for="darkbtn">Dark Mode</label>

    <div class="header">
      <h1>Admin Dashboard</h1>
    </div>
    <div class="sidebar">
      <ul>
        <li><a href="">Home</a></li>
        <li><a href="">Users</a></li>
        <li><a href="">Settings</a></li>
```

```
</ul>
</div>
<div class="maincontent">
  <h2>Welcome, Admin!</h2>
  <p>
    This is the main content area. Add charts, tables or reports here.
  </p>
</div>
<div class="footer">
  <p>© 2025 Admin Panel</p>
</div>
</div>
</body>
</html>
```

## **Style.css**

```
*{
  padding:0;
  margin:0;
  box-sizing: border-box;
}
.wrapper{
  display: grid;
  width: 100vw;
  height: 100vh;
  grid-template-columns: 1fr 4fr;
  grid-template-rows: 1fr 8fr 1fr;
  grid-template-areas:
    "header header"
    "sidebar maincontent"
    "footer footer"
  ;
  position: relative;
}
.wrapper label{
  position: absolute;
  top: 20px;
  right:10px;
}
.wrapper input{
```

```
position: absolute;
top: 23px;
right: 90px;
}
.header{
grid-area: header;
display: flex;
align-items: center;
justify-content: space-between;
padding: 0px 20px;
background-color: #4CAF50 ;
color: white;
}
.header>div{
display: flex;
align-items: center;
gap: 10px;
}
.sidebar{
grid-area: sidebar;
background-color: #F0F0F0;
display: flex;
justify-content: start;
align-items: start;
padding: 30px;
}
.sidebar>ul{
list-style: square;
}
}
.maincontent{
grid-area: maincontent;
padding: 20px;
}
.maincontent h2{
margin-bottom: 20px;
}
}
.footer{
grid-area: footer;
background-color: #4CAF50;
display: flex;
```

```
justify-content: center;
align-items: center;
font-size: large;
color: white;

}
#darkbtn:checked ~ .footer{
    background-color: #222222;
}
#darkbtn:checked ~ label{
    color: white;
}
#darkbtn:checked ~ .header{
    background-color: #222222;
}
#darkbtn:checked ~ .sidebar{
    background-color: #333333;

}
#darkbtn:checked ~ .sidebar>ul>li::marker{
    color: white;

}
#darkbtn:checked ~ .sidebar>ul>li>a:visited{
    color: white;

}
#darkbtn:checked ~ .maincontent{
    background-color: #121212;
    color: white;
}
```

- **Output:**

