

DAY 32-2 :

ASSIGNMENT 1: Day 2: JavaScript/Bootstrap - Responsive Dashboard for Policy Management

Task 1: Create a dashboard layout with Bootstrap ensuring responsiveness across devices.

ANSWER:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Policy Management Dashboard</title>
  <!-- Header Section -->
  <header>
    <h1>Welcome to My Webpage</h1>
    <nav>
      <ul>
        <li><a href="#about">About</a></li>
        <li><a href="#services">Services</a></li>
        <li><a href="#contact">Contact</a></li>
      </ul>
    </nav>
  </header>
  <!-- Bootstrap CSS -->
  <link
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css
" rel="stylesheet">
  <!-- Custom CSS for additional styling -->
  <style>
    body {
      padding-top: 20px; /* Add padding to the top to avoid content
being too close to the navbar */
    }
    .sidebar {
      background-color: #0a0909;
      color: rgb(245, 13, 13);
      padding: 20px;
      height: 100vh; /* Make sidebar full height */
    }
    .content {
      padding: 20px;
    }
    .card-title {
      font-size: 18px;
      font-weight: bold;
      margin-bottom: 10px;
    }
    .card-subtitle {
      color: #eeafaf;
      margin-bottom: 10px;
    }
    .card-text {
      font-size: 14px;
    }
  </style>
</html>
```

```

        .card-body {
            padding: 20px;
        }
        .card {
            transition: transform 0.3s ease-in-out;
        }
        .card:hover {
            transform: translateY(-5px);
        }
    </style>
</head>
<body>
    <div class="container-fluid">
        <div class="row">
            <!-- Sidebar -->
            <nav class="col-md-3 col-lg-2 d-md-block sidebar">
                <div class="sidebar-sticky">
                    <h5 class="my-4 text-center">Dashboard Menu</h5>
                    <ul class="nav flex-column">
                        <li class="nav-item">
                            <a class="nav-link active" href="#">Dashboard</a>
                        </li>
                        <li class="nav-item">
                            <a class="nav-link" href="#">Policies</a>
                        </li>
                        <li class="nav-item">
                            <a class="nav-link" href="#">Claims</a>
                        </li>
                        <li class="nav-item">
                            <a class="nav-link" href="#">Customers</a>
                        </li>
                        <li class="nav-item">
                            <a class="nav-link" href="#">Settings</a>
                        </li>
                    </ul>
                </div>
            </nav>

            <!-- Main content area -->
            <main role="main" class="col-md-9 ml-sm-auto col-lg-10 px-md-4
content">
                <div class="d-flex justify-content-between align-items-center
my-4">
                    <h1 class="h2">Dashboard</h1>
                </div>

                <!-- Metrics cards -->
                <div class="row mb-4">
                    <div class="col-lg-3 col-md-6 mb-4">
                        <div class="card bg-primary text-white">
                            <div class="card-body">
                                <h5 class="card-title">Total Policies</h5>
                                <p class="card-text">100</p>
                            </div>
                        </div>
                    </div>
                </div>
            </div>

```

```

<div class="col-lg-3 col-md-6 mb-4">
  <div class="card bg-success text-white">
    <div class="card-body">
      <h5 class="card-title">Active Policies</h5>
      <p class="card-text">75</p>
    </div>
  </div>
</div>
<div class="col-lg-3 col-md-6 mb-4">
  <div class="card bg-danger text-white">
    <div class="card-body">
      <h5 class="card-title">Expired Policies</h5>
      <p class="card-text">25</p>
    </div>
  </div>
</div>
<div class="col-lg-3 col-md-6 mb-4">
  <div class="card bg-warning text-white">
    <div class="card-body">
      <h5 class="card-title">Pending Claims</h5>
      <p class="card-text">10</p>
    </div>
  </div>
</div>
</div>

```

```

<!-- Recent policies and pending claims -->
<div class="row mb-4">
  <div class="col-lg-6">
    <div class="card">
      <div class="card-body">
        <h5 class="card-title">Recent Policies</h5>
        <p class="card-text">List of recent policies

```

here...</p>

```

      </div>
    </div>
  </div>
  <div class="col-lg-6">
    <div class="card">
      <div class="card-body">
        <h5 class="card-title">Pending Claims</h5>
        <p class="card-text">List of pending claims

```

here...</p>

```

      </div>
    </div>
  </div>
</div>

```

```

<!-- Charts section (placeholders) -->
<div class="row">
  <div class="col-lg-6 mb-4">
    <div class="card">
      <div class="card-body">
        <h5 class="card-title">Policies by Type</h5>
        <canvas id="policiesByTypeChart" width="100%"

```

height="300"></canvas>

```

        </div>
    </div>
</div>
<div class="col-lg-6 mb-4">
    <div class="card">
        <div class="card-body">
            <h5 class="card-title">Claims Overview</h5>
            <canvas id="claimsOverviewChart" width="100%"
height="300"></canvas>
        </div>
    </div>
</div>
</div>
</main>
</div>
</div>

<!-- Bootstrap JS and dependencies -->
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@1.16.1/dist/umd/popper.min.js
"></script>
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"><
/script>
<!-- Chart.js for charts -->
<script src="https://cdn.jsdelivr.net/npm/chart.js"></script>
<!-- Custom JavaScript for charts -->
<script>
    // Sample data for charts
    var policiesByTypeData = {
        labels: ['Health', 'Life', 'Auto', 'Home'],
        datasets: [{
            label: 'Number of Policies',
            data: [30, 25, 20, 25],
            backgroundColor: [
                'rgba(255, 99, 132, 0.8)',
                'rgba(54, 162, 235, 0.8)',
                'rgba(255, 206, 86, 0.8)',
                'rgba(75, 192, 192, 0.8)'
            ],
            borderColor: [
                'rgba(255, 99, 132, 1)',
                'rgba(54, 162, 235, 1)',
                'rgba(255, 206, 86, 1)',
                'rgba(75, 192, 192, 1)'
            ],
            borderWidth: 1
        }]
    };

    var claimsOverviewData = {
        labels: ['Submitted', 'In Progress', 'Resolved'],
        datasets: [{
            label: 'Number of Claims',
            data: [15, 8, 12],

```

```

        backgroundColor: [
            'rgba(255, 99, 132, 0.8)',
            'rgba(54, 162, 235, 0.8)',
            'rgba(75, 192, 192, 0.8)'
        ],
        borderColor: [
            'rgba(255, 99, 132, 1)',
            'rgba(54, 162, 235, 1)',
            'rgba(75, 192, 192, 1)'
        ],
        borderWidth: 1
    }
}

});

// Draw charts
var ctx1 =
document.getElementById('policiesByTypeChart').getContext('2d');
var policiesByTypeChart = new Chart(ctx1, {
    type: 'bar',
    data: policiesByTypeData,
    options: {
        responsive: true,
        legend: {
            display: false
        },
        scales: {
            xAxes: [{
                gridLines: {
                    display: false
                }
            }],
            yAxes: [{
                ticks: {
                    beginAtZero: true
                }
            }]
        }
    }
});

var ctx2 =
document.getElementById('claimsOverviewChart').getContext('2d');
var claimsOverviewChart = new Chart(ctx2, {
    type: 'doughnut',
    data: claimsOverviewData,
    options: {
        responsive: true,
        legend: {
            position: 'right'
        }
    }
});
</script>
<!-- Footer Section -->
<footer>
    <p>&copy; 2024 My Website. All rights reserved.</p>

```

```
    </footer>  
</body>  
</html>
```