Data Visualization Dashboard

Bookings Per Resource

Sports Facility
Bookings: 9

Library | Seminar | Workshop | Sports Facility

Library   Seminar   Workshop   Sports Facility

Resource Status Distribution

Active   Inactive

Enrollments Over Time

Enrollments

	Mon	Tue	Wed	Thu	Fri
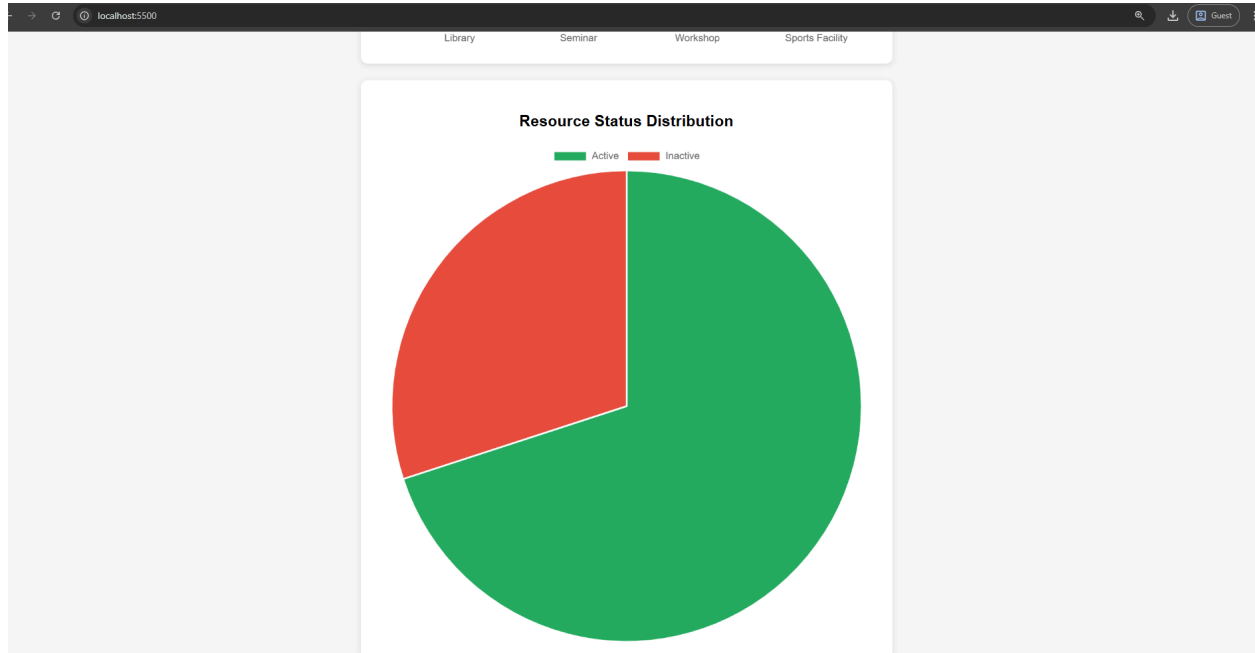
Likes vs Ratings

Ratings
☐ 15

```html
<!-- Bar Chart -->
<div class="chart-container">
    <h3>Bookings Per Resource</h3>
    <canvas id="barChart"></canvas>
</div>

<!-- Pie Chart -->
<div class="chart-container">
    <h3>Resource Status Distribution</h3>
```
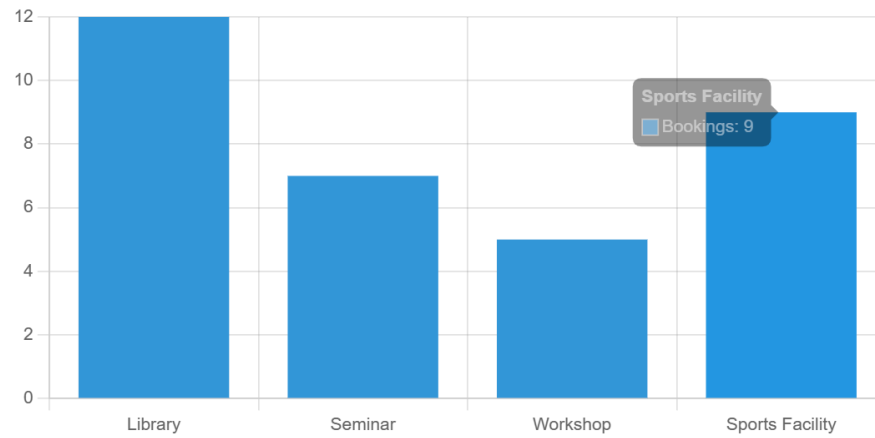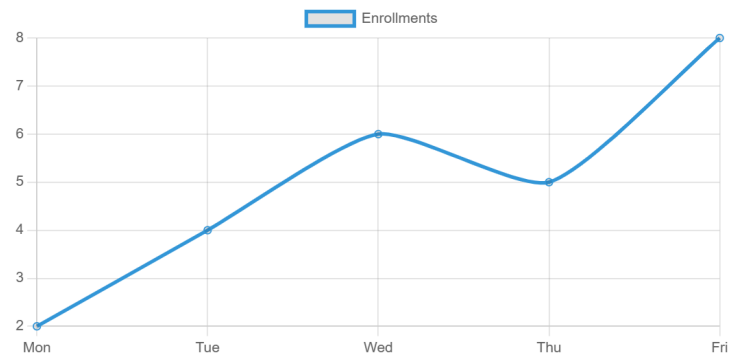
```html
        <canvas id="pieChart"></canvas>
    </div>

    <!-- Line Chart -->
    <div class="chart-container">
        <h3>Enrollments Over Time</h3>
        <canvas id="lineChart"></canvas>
    </div>

    <!-- Doughnut Chart -->
    <div class="chart-container">
        <h3>Likes vs Ratings</h3>
        <canvas id="doughnutChart"></canvas>
    </div>

    <script>
        // Bar Chart
        const barCtx =
document.getElementById('barChart').getContext('2d');
        new Chart(barCtx, {
            type: 'bar',
            data: {
                labels: ['Library', 'Seminar', 'Workshop', 'Sports
Facility'],
                datasets: [{
                    label: 'Bookings',
                    data: [12, 7, 5, 9],
                    backgroundColor: '#3498db'
                }]
            },
            options: {
                responsive: true,
                plugins: { legend: { display: false } },
                scales: { y: { beginAtZero: true } }
            }
        });

        // Pie Chart
        const pieCtx =
document.getElementById('pieChart').getContext('2d');
```
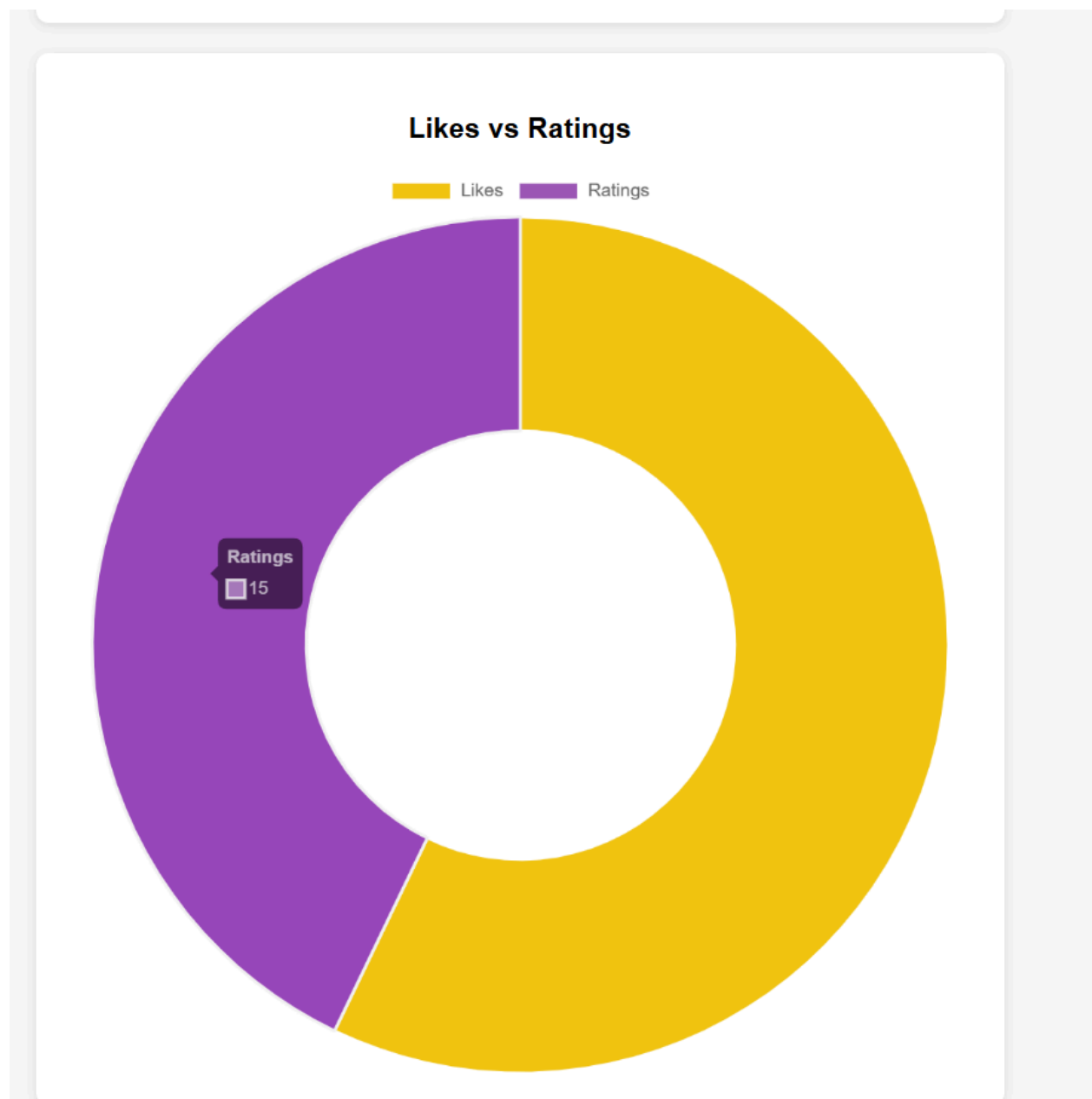
```javascript
        new Chart(pieCtx, {
            type: 'pie',
            data: {
                labels: ['Active', 'Inactive'],
                datasets: [{ data: [7,3], backgroundColor:
['#27ae60','#e74c3c'] }]
            },
            options: { responsive: true }
        });

        // Line Chart
        const lineCtx =
document.getElementById('lineChart').getContext('2d');
        new Chart(lineCtx, {
            type: 'line',
            data: {
                labels: ['Mon','Tue','Wed','Thu','Fri'],
                datasets: [{
                    label: 'Enrollments',
                    data: [2,4,6,5,8],
                    fill: false,
                    borderColor: '#3498db',
                    tension: 0.2
                }]
            },
            options: { responsive: true }
        });

        // Doughnut Chart
        const doughnutCtx =
document.getElementById('doughnutChart').getContext('2d');
        new Chart(doughnutCtx, {
            type: 'doughnut',
            data: {
                labels: ['Likes','Ratings'],
                datasets: [{
                    data: [20,15],
                    backgroundColor: ['#f1c40f','#9b59b6']
                }]
            },
```

```
            options: { responsive: true }
        });
    </script>
</body>
</html>
```