DAY 32-2:

ASSIGNEMENT 3:

Task 3: Enhance dashboard interactivity with JavaScript for policy sorting and detailed views.

ANSWER:

```html
<!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 {
            background-color: #6caae9; /* Light gray background */
            font-family: Arial, sans-serif;
        }
        .card {
            margin-bottom: 20px;
            box-shadow: 0 4px 8px rgba(245, 8, 8, 0.1); /* Soft shadow */
            transition: box-shadow 0.3s ease-in-out;
        }
        .card:hover {
            box-shadow: 0 8px 16px rgba(6, 35, 199, 0.2); /* Increase shadow
on hover */
        }
        .policy-details {
            display: none; /* Hide policy details initially */
        }
    </style>
</head>
<body>
    <div class="container mt-5">
        <div class="row">
            <div class="col-md-3">
                <!-- Sidebar -->
                <div class="list-group">
```

```html
                    <a href="#all-policies" data-toggle="tab" class="list-
group-item list-group-item-action active">All Policies</a>
                    <a href="#add-policy" data-toggle="tab" class="list-group-
item list-group-item-action">Add New Policy</a>
                </div>
            </div>
            <div class="col-md-9">
                <!-- Tab content -->
                <div class="tab-content">
                    <!-- All Policies Tab -->
                    <div id="all-policies" class="tab-pane fade show active">
                        <h2 class="mb-4">All Policies</h2>
                        <div class="form-group">
                            <label for="sortBy">Sort by:</label>
                            <select class="form-control" id="sortBy">
                                <option value="name">Name</option>
                                <option value="type">Type</option>
                            </select>
                        </div>
                        <div class="row" id="policyList">
                            <!-- Policy cards will be dynamically added here -
->
                        </div>
                    </div>

                    <!-- Add New Policy Tab -->
                    <div id="add-policy" class="tab-pane fade">
                        <h2 class="mb-4">Add New Policy</h2>
                        <form id="addPolicyForm">
                            <div class="form-group">
                                <label for="policyName">Policy Name:</label>
                                <input type="text" class="form-control"
id="policyName" required>
                            </div>
                            <div class="form-group">
                                <label for="policyType">Policy Type:</label>
                                <input type="text" class="form-control"
id="policyType" required>
                            </div>
                            <div class="form-group">
                                <label for="policyDetails">Policy
Details:</label>
                                <textarea class="form-control"
id="policyDetails" rows="3" required></textarea>
                            </div>
                            <button type="submit" class="btn btn-primary">Add
Policy</button>
                        </form>
                    </div>
                </div>
            </div>
        </div>
    </div>

    <!-- Policy Details Modal -->
```

```html
<div class="modal fade" id="policyDetailsModal" tabindex="-1"
role="dialog" aria-labelledby="policyDetailsModalLabel" aria-hidden="true">
    <div class="modal-dialog modal-dialog-scrollable" role="document">
        <div class="modal-content">
            <div class="modal-header">
                <h5 class="modal-title"
id="policyDetailsModalLabel">Policy Details</h5>
                <button type="button" class="close" data-dismiss="modal"
aria-label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
            </div>
            <div class="modal-body">
                <div id="policyDetailsContent">
                    <!-- Policy details will be dynamically added here -->
                </div>
            </div>
            <div class="modal-footer">
                <button type="button" class="btn btn-secondary" data-
dismiss="modal">Close</button>
            </div>
        </div>
    </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>
<!-- Custom JavaScript -->
<script>
    // Sample data for policies (replace with actual data or fetch from
backend)
    var policies = [
        { name: 'Health Insurance', type: 'Health', details: 'This is a
placeholder text commonly used in publishing and graphic design to simulate
the appearance of real text.' },
        { name: 'Auto Insurance', type: 'Auto', details: 'Get yourself
some solicitation, as a free vestibule' },
        { name: 'Home Insurance', type: 'Home', details: 'if there is a
specific part you want to clarify or if there is another query  feel free to
let me know!.' }
    ];

    // Function to render policies based on selected sorting
    function renderPolicies(sortBy) {
        var policyList = $('#policyList');
        policyList.empty(); // Clear existing policies

        policies.sort(function (a, b) {
            if (a[sortBy] < b[sortBy]) return -1;
            if (a[sortBy] > b[sortBy]) return 1;
```

```javascript
                return 0;
            });

            policies.forEach(function (policy) {
                var card = $('<div class="col-lg-4 col-md-6">' +
                                '<div class="card">' +
                                    '<div class="card-body">' +
                                        '<h5 class="card-title">' +
policy.name + '</h5>' +
                                        '<p class="card-text">' +
policy.details + '</p>' +
                                        '<button class="btn btn-primary btn-sm
mr-2 policy-detail-btn" data-name="' + policy.name + '">Details</button>' +
                                    '</div>' +
                                '</div>' +
                            '</div>');
                policyList.append(card);
            });

            // Add event listener for policy detail buttons
            $('.policy-detail-btn').on('click', function () {
                var policyName = $(this).data('name');
                var policy = policies.find(function (p) { return p.name ===
policyName; });
                $('#policyDetailsContent').html('<p>' + policy.details +
'</p>');
                $('#policyDetailsModal').modal('show');
            });
        }

        // Initial rendering of policies sorted by name
        renderPolicies('name');

        // Event listener for sort by select box change
        $('#sortBy').on('change', function () {
            var sortBy = $(this).val();
            renderPolicies(sortBy);
        });

        // Add Policy form submission
        $('#addPolicyForm').on('submit', function (event) {
            event.preventDefault();
            var policyName = $('#policyName').val();
            var policyType = $('#policyType').val();
            var policyDetails = $('#policyDetails').val();
            var newPolicy = { name: policyName, type: policyType, details:
policyDetails };
            policies.push(newPolicy);
            $('#addPolicyModal').modal('hide');
            renderPolicies('name'); // Re-render policies after adding new one
            // Clear form fields after submission
            $('#policyName').val('K.archana');
            $('#policyName').val('CH. Gayathri');
            $('#policyType').val('Health Insurance');
            $('#policyType').val('Life Insurance');
            $('#policyDetails').val('Months for renewal premiums');
```

```
            $('#policyDetails').val('Policy start date');
        });
    </script>
</body>
</html>
```