

MONTHLY REPORT:

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{% extends "layout.html" %}

{% block styles %}
<!--Data Tables-->
<link href="https://cdn.datatables.net/1.10.20/css/jquery.dataTables.min.css"
rel="stylesheet">
<!--Data Tables Plugins (export buttons)-->
<link
href="https://cdn.datatables.net/buttons/1.6.1/css/buttons.dataTables.min.css"
rel="stylesheet">
<!--Responsive Expense Tables-->
<link href="/static/css/expenses.css" rel="stylesheet">
{% endblock %}

{% block scripts %}
<!--Chart.js-->
<script
src="https://cdn.jsdelivr.net/npm/chart.js@2.9.3/dist/Chart.min.js"></script>
<!--Data Tables-->
<script
src="https://cdn.datatables.net/1.10.20/js/jquery.dataTables.min.js"></script>
<!--Data Tables Plugins (export buttons)-->
<script
src="https://cdn.datatables.net/buttons/1.6.1/js/dataTables.buttons.min.js"></script>
<script
src="https://cdn.datatables.net/buttons/1.6.1/js/buttons.flash.min.js"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/jszip/3.1.3/jszip.min.js"></script>
<script
src="https://cdn.datatables.net/buttons/1.6.1/js/buttons.html5.min.js"></script>
{% endblock %}

{% block title %}
Reports | Monthly Spending
{% endblock %}

{% block main %}
<h1>Monthly Spending Report</h1>
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<br>

<span style="font-weight:bold;">Year:</span>
<select name="year" id="year" class="custom-select" style="width:auto;"
    onchange="window.location = '/monthlyreport/' +
this.options[this.selectedIndex].value"></select>
<br><br>

{% if monthlySpending["chart"] %}
<!--Charts courtesy of Chart.js: https://www.chartjs.org/-->
<div class="chart-container" style="position: relative; height:30vh">
    <canvas id="monthlyChart" width="400" height="400"></canvas>
</div>
<br>
{% endif %}

{% if monthlySpending["table"] %}
<h3>Spending History</h3>
<!--Table functionality courtesy of DataTables.net-->
<table id="monthlyExpenses" class="display" style="width:100%">
    <thead>
        <tr>
            <th>#</th>
            <th>Description</th>
            <th>Category</th>
            <th>Date</th>
            <th>Payer</th>
            <th>Amount</th>
        </tr>
    </thead>
    <tbody>
        {% for record in monthlySpending["table"] %}
        <tr>
            <td>{{ loop.index }}</td>
            <td>{{ record["description"] }}</td>
            <td>{{ record["category"] }}</td>
            <td>{{ record["expensedate"] }}</td>
            <td>{{ record["payer"] }}</td>
            <td>{{ record["amount"] | usd}}</td>
        </tr>
        {% endfor %}
    </tbody>
</table>
{% else %}
<p>You don't have any expenses yet 😞</p>

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{% endif %}

<script>
    $(document).ready(function () {
        // Get the report year element from the form
        let years = document.getElementById("year")

        // Get the current year from users machine
        let currentYear = new Date().getFullYear();
        let selectedYear = "{{ year }}"

        // Generate allowable years to select for report (2020 thru current year)
        for (let i = parseInt(currentYear); i >= 2020; i--) {
            // Create an option tag
            let option = document.createElement("option");
            option.innerHTML = i;
            option.value = i;
            // Set the selected year
            if (i == parseInt(selectedYear)) {
                option.selected = true;
            }
            years.appendChild(option);
        }

    });
</script>

{% if monthlySpending %}
<script src="/static/js/reports.js"></script>
<script>
    var monthlyData = JSON.stringify({{ monthlySpending | tojson }});
    loadMonthlySpendingData(monthlyData);
</script>
{% endif %}

{% endblock %}

```

OUTPUT:

