## **MONTHLY REPORT:**

```
{% extends "layout.html" %}
{% block styles %}
<!--Data Tables-->
<link href="https://cdn.datatables.net/1.10.20/css/jquery.dataTables.min.css"</pre>
rel="stylesheet">
<!--Data Tables Plugins (export buttons)-->
k
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"></scr</pre>
ipt>
<script
src="https://cdn.datatables.net/buttons/1.6.1/js/buttons.flash.min.js"></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>
```

```
<br>
<span style="font-weight:bold;">Year:</span>
<select name="year" id="year" class="custom-select" style="width:auto;"</pre>
   onchange="window.location = '/monthlyreport/' +
this.options[this.selectedIndex].value"></select>
<br><br><br>
{% if monthlySpending["chart"] %}
<!--Charts courtesty 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 courtesty of DataTables.net-->
<thead>
      #
          Description
          Category
          Date
          Payer
          Amount
      </thead>
   {% for record in monthlySpending["table"] %}
      >
          {{ loop.index }}
          {{ record["description"] }}
          {{ record["category"] }}
          {{ record["expensedate"] }}
          {{ record["payer"] }}
          {{ record["amount"] | usd}}
      {% endfor %}
   {% else %}
You don't have any expenses yet ②
```

```
{% 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:**

