from flask import Flask, render\_template, request, redirect, url\_for

import csv

app = Flask(\_\_name\_\_)

@app.route('/')

def index():

    return render\_template('index.html')

@app.route('/submit', methods=['POST'])

def submit():

    date = request.form['date']

    diver\_name = request.form['diver\_name']

    tank\_serial\_number = request.form['tank\_serial\_number']

    nitrox\_percentage = request.form['nitrox\_percentage']

    approval\_status = request.form['approval\_status']

    # Save the data to the CSV file

    with open('data/nitrox\_signout.csv', 'a', newline='') as csvfile:

        writer = csv.writer(csvfile)

        writer.writerow([date, diver\_name, tank\_serial\_number, nitrox\_percentage, approval\_status])

    return redirect(url\_for('index'))

if \_\_name\_\_ == '\_\_main\_\_':

    app.run(debug=True)

<!DOCTYPE html>

<html>

<head>

<title>Tacoma Scuba Nitrox Sign Out</title>

<style>

body {

background-color: #f1f1f1;

font-family: Arial, sans-serif;

margin: 0;

padding: 20px;

}

h1 {

color: #333;

text-align: center;

}

.container {

max-width: 400px;

margin: 0 auto;

background-color: #fff;

border-radius: 5px;

padding: 20px;

box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);

}

label {

display: block;

margin-bottom: 10px;

color: #333;

font-weight: bold;

}

input[type="text"],

input[type="date"],

select {

width: 100%;

padding: 10px;

border-radius: 5px;

border: 1px solid #ccc;

margin-bottom: 20px;

}

select {

height: 40px;

}

input[type="submit"] {

background-color: #4CAF50;

color: #fff;

padding: 10px 20px;

border: none;

border-radius: 5px;

cursor: pointer;

}

input[type="submit"]:hover {

background-color: #45a049;

}

</style>

</head>

<body>

<div class="container">

<h1>Tacoma Scuba Nitrox Sign Out</h1>

<form action="/submit" method="POST">

<label for="date">Date:</label>

<input type="date" name="date" required>

<label for="diver\_name">Diver Name:</label>

<input type="text" name="diver\_name" required>

<label for="tank\_serial\_number">Tank Serial Number:</label>

<input type="text" name="tank\_serial\_number" required>

<label for="nitrox\_percentage">Nitrox Percentage:</label>

<input type="text" name="nitrox\_percentage" required>

<label for="approval\_status">Approval Status:</label>

<select name="approval\_status">

<option value="Approved">Approved</option>

<option value="Denied">Denied</option>

</select>

<input type="submit" value="Submit">

</form>

</div>

</body>

</html>

<!DOCTYPE html>

<html>

<head>

    <title>Tacoma Scuba Nitrox Sign Out</title>

    <style>

        /\* Your custom styles here \*/

        /\* ... \*/

        /\* Signature field styles \*/

        .signature-field {

            display: flex;

            flex-direction: column;

            margin-bottom: 20px;

        }

        .signature-field label {

            margin-bottom: 10px;

            color: #333;

            font-weight: bold;

        }

        .signature-pad {

            width: 100%;

            border: 1px solid #ccc;

        }

        .signature-pad canvas {

            width: 100%;

            height: 200px;

            border: 1px solid #ccc;

        }

        .signature-pad button {

            padding: 10px 20px;

            border: none;

            border-radius: 5px;

            background-color: #4CAF50;

            color: #fff;

            cursor: pointer;

        }

    </style>

</head>

<body>

    <div class="container">

        <h1>Rachel Fry's Scuba Shop Nitrox Sign Out</h1>

        <form action="/submit" method="POST">

            <label for="date">Date:</label>

            <input type="date" name="date" required>

            <label for="diver\_name">Diver Name:</label>

            <input type="text" name="diver\_name" required>

            <label for="tank\_serial\_number">Tank Serial Number:</label>

            <input type="text" name="tank\_serial\_number" required>

            <label for="nitrox\_percentage">Nitrox Percentage:</label>

            <input type="text" name="nitrox\_percentage" required>

            <label for="approval\_status">Approval Status:</label>

            <select name="approval\_status">

                <option value="Approved">Approved</option>

                <option value="Denied">Denied</option>

            </select>

            <div class="signature-field">

                <label for="diver\_signature">Diver Signature:</label>

                <div class="signature-pad">

                    <canvas id="signatureCanvas"></canvas>

                </div>

                <button type="button" onclick="clearSignature()">Clear Signature</button>

                <input type="hidden" name="diver\_signature" id="diverSignatureInput">

            </div>

            <input type="submit" value="Submit">

        </form>

    </div>

    <!-- Include SignaturePad library -->

    <script src="https://unpkg.com/signature\_pad"></script>

    <script>

        // Signature pad functionality

        const signatureCanvas = document.getElementById('signatureCanvas');

        const signaturePad = new SignaturePad(signatureCanvas);

        const signatureInput = document.getElementById('diverSignatureInput');

        function clearSignature() {

            signaturePad.clear();

            signatureInput.value = '';

        }

        signatureCanvas.addEventListener('mouseup', () => {

            const signatureData = signaturePad.toDataURL();

            signatureInput.value = signatureData;

        });

    </script>

</body>

</html>