<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Online Quiz System</title>

<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

<link rel="stylesheet" href="styles.css">

<style>

body {

background-color: #f8f9fa;

font-family: Arial, sans-serif;

}

.container {

margin-top: 50px;

}

.card {

max-width: 600px;

margin: 0 auto;

padding: 20px;

box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

}

.form-control:focus {

box-shadow: none;

border-color: #007bff;

}

.btn-custom {

width: 100%;

padding: 10px;

font-size: 1.1em;

}

</style>

</head>

<body>

<div class="container">

<div class="card">

<h3 class="text-center mb-4">Online Quiz</h3>

<form id="quizForm">

<fieldset>

<legend class="sr-only">Quiz Question</legend>

<div class="form-group">

<label for="quiz\_question">Question:</label>

<p id="quiz\_question">What is the capital of France?</p>

</div>

<div class="form-group">

<label for="quiz\_answer">Your Answer</label>

<input

type="text"

class="form-control"

id="quiz\_answer"

name="quiz\_answer"

placeholder="Enter your answer"

required>

</div>

<button type="submit" class="btn btn-primary btn-custom">Submit Answer</button>

</fieldset>

</form>

<div id="message" class="mt-3"></div>

</div>

</div>

<script src="https://code.jquery.com/jquery-3.5.1.min.js"></script>

<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

<script src="scripts.js"></script>

<script>

document.getElementById('quizForm').addEventListener('submit', function(event) {

event.preventDefault();

const userAnswer = document.getElementById('quiz\_answer').value;

fetch('/submit\_quiz', {

method: 'POST',

headers: {

'Content-Type': 'application/json'

},

body: JSON.stringify({ answer: userAnswer })

})

.then(response => response.json())

.then(data => {

if (data.correct) {

document.getElementById('message').innerHTML = '<div class="alert alert-success">Correct Answer!</div>';

} else {

document.getElementById('message').innerHTML = '<div class="alert alert-danger">Wrong Answer. Try again.</div>';

}

})

.catch(error => {

console.error('Error:', error);

document.getElementById('message').innerHTML = '<div class="alert alert-danger">Failed to submit your answer. Please try again.</div>';

});

});

</script>

</body>

</html>