<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

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

<title>AI Essay & Letter Generator</title>

<style>

body {

font-family: Arial, sans-serif;

background: #f4f4f4;

display: flex;

justify-content: center;

align-items: center;

height: 100vh;

margin: 0;

}

.container {

background: #fff;

padding: 20px;

border-radius: 8px;

box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);

width: 400px;

text-align: center;

}

textarea {

width: 100%;

height: 100px;

margin-bottom: 10px;

padding: 10px;

}

button {

background: #007bff;

color: white;

border: none;

padding: 10px 20px;

border-radius: 5px;

cursor: pointer;

}

button:hover {

background: #0056b3;

}

.output {

margin-top: 20px;

text-align: left;

padding: 10px;

border: 1px solid #ddd;

border-radius: 5px;

background: #fafafa;

min-height: 100px;

}

</style>

</head>

<body>

<div class="container">

<h1>AI Essay & Letter Generator</h1>

<textarea id="prompt" placeholder="Enter your topic or request..."></textarea>

<button id="generateBtn">Generate</button>

<div class="output" id="output"></div>

</div>

<script>

document.getElementById("generateBtn").addEventListener("click", async () => {

const prompt = document.getElementById("prompt").value;

const output = document.getElementById("output");

output.innerHTML = "Generating...";

try {

const response = await fetch("https://api.openai.com/v1/chat/completions", {

method: "POST",

headers: {

"Content-Type": "application/json",

"Authorization": `Bearer YOUR\_API\_KEY` // Replace with your OpenAI API key

},

body: JSON.stringify({

model: "gpt-3.5-turbo",

messages: [{ role: "user", content: prompt }],

max\_tokens: 300

})

});

const data = await response.json();

output.innerHTML = data.choices[0].message.content;

} catch (error) {

output.innerHTML = "Error generating text!";

console.error(error);

}

});

</script>

</body>

</html>