```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport"
content="width=device-width, initial-
scale=1.0">
    <title>Blood Cell Classifier</title>
    <script src="https:
</head>
<body class="bg-gray-100 flex items-
center justify-center min-h-screen">
    <div class="bg-white p-8 rounded-lg
shadow-lg w-full max-w-md">
        <h1 class="text-2xl font-bold text-
center mb-6">Blood Cell Classifier</h1>
        <div class="mb-4">
            <input type="file" id="imageInput"
accept="image/*" class="block w-full
text-sm text-gray-500 file:mr-4 file:py-2
file:px-4 file:rounded-full file:border-0
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file:text-sm file:font-semibold file:bg-
blue-50 file:text-blue-700 hover:file:bg-
blue-100"/>
            <div id="imageType" class="mt-2
text-sm text-gray-500"></div>
        </div>
        <button onclick="classifyImage()"
class="w-full bg-blue-500 text-white
py-2 px-4 rounded hover:bg-
blue-600">Classify</button>
        <div id="result" class="mt-6 text-
center"></div>
        <div id="imagePreview"
class="mt-4"></div>
    </div>
    <script>
        const input =
document.getElementById('imageInput');
        const imageTypeDiv =
document.getElementById('imageType');
        const resultDiv =
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document.getElementById('result');
        const previewDiv =
document.getElementById('imagePreview')
;

        input.addEventListener('change',
function() {
            const file = input.files[0];
            if (file) {


                const imageType =
determineImageType(file);
                imageTypeDiv.innerText = `Image
Type: ${imageType}`;


                const reader = new FileReader();
                reader.onload = function(e) {
                    previewDiv.innerHTML = `<img
src="${e.target.result}" class="max-w-full
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h-auto rounded" alt="Uploaded Image"/>`;
            };
            reader.readAsDataURL(file);
        }
    });

    function determineImageType(file) {



        if (file.name.includes('mono')) {
            return 'Monoside';
        } else if (file.name.includes('lex')) {
            return 'Lextoside';
        } else {
            return 'Unknown';
        }
    }

    function classifyImage() {
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        const file = input.files[0];
        if (!file) {
            resultDiv.innerHTML = '<p class="text-red-500">Please select an image.</p>';
            return;
        }

        const formData = new FormData();
        formData.append('image', file);

        fetch('/classify', {
            method: 'POST',
            body: formData
        })
        .then(response => response.json())
        .then(data => {
            if (data.error) {
                resultDiv.innerHTML = `<p class="text-red-500">${data.error}</p>`;
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            } else {
                resultDiv.innerHTML = `<p
class="text-green-500">Predicted Class:
${data.class}</p><p>Confidence: $
{(data.confidence * 100).toFixed(2)}%</
p>`;
            }
        })
        .catch(error => {
            resultDiv.innerHTML = `<p
class="text-red-500">Error: $
{error.message}</p>`;
        });
    }
  </script>
</body>
</html>
```