import React, { useState, useRef, useEffect } from 'react';

import { PDFDocument, rgb, PDFForm } from 'pdf-lib';

const PdfFormBuilder = () => {

const [pdf, setPdf] = useState(null);

const canvasRef = useRef(null);

useEffect(() => {

const loadPdf = async () => {

// Load the existing PDF bytes

const existingPdfBytes = ...; // Load the existing PDF bytes

// Load the PDF document

const pdfDoc = await PDFDocument.load(existingPdfBytes);

setPdf(pdfDoc);

};

loadPdf();

}, []);

const handleCanvasClick = async (event) => {

if (!pdf) return;

const page = pdf.getPage(0); // Get the first page of the PDF (index 0)

// Get the clicked coordinates relative to the canvas

const canvas = canvasRef.current;

const rect = canvas.getBoundingClientRect();

const x = event.clientX - rect.left;

const y = event.clientY - rect.top;

// Add a checkbox form field at the clicked position

const form = pdf.getForm();

const checkbox = form.createCheckBox('newCheckbox')

.addToPage(page, {

x,

y,

width: 20,

height: 20,

});

// Update the PDF bytes after adding the form field

const updatedPdfBytes = await pdf.save();

// Use the updated PDF bytes to render the PDF with the new form field

// ...

};

return (

<div>

<canvas

ref={canvasRef}

width={800}

height={600}

onClick={handleCanvasClick}

style={{ border: '1px solid black' }}

/>

</div>

);

};

export default PdfFormBuilder;