import { useRef, useState, useCallback } from "react";

import Webcam from "react-webcam";

import { studentDTO } from "../../Types/ModelsStudents";

const videoConstraints = {

  width: 720,

  height: 360,

  facingMode: "user",

};

const Camera = ({

  myStudent,

  setMyStudent,

}: {

  myStudent: studentDTO;

  setMyStudent: (student: studentDTO) => void;

}) => {

  const [isCaptureEnable, setCaptureEnable] = useState<boolean>(false);

  const webcamRef = useRef<Webcam>(null);

  const [url, setUrl] = useState<string | null>(null);

  const [file, setFile] = useState(null);

  const capture = useCallback(() => {

    const imageSrc = webcamRef.current?.getScreenshot();

    if (imageSrc) {

      setUrl(imageSrc);

    }

  }, [webcamRef]);

  const handleFileChangePicture = (event: any) => {

    setMyStudent({ ...myStudent, picture: event.target.url });

    console.log(myStudent + "myStudent");

  };

  return (

    <>

      <header>

        <span>פתח מצלמה</span>

        <br></br>

      </header>

      {isCaptureEnable || (

        <button onClick={() => setCaptureEnable(true)}>start</button>

      )}

      {isCaptureEnable && (

        <>

          <div>

            <button onClick={() => setCaptureEnable(false)}>end </button>

          </div>

          <div>

            <Webcam

              audio={false}

              width={540}

              height={360}

              ref={webcamRef}

              screenshotFormat="image/jpeg"

              videoConstraints={videoConstraints}

            />

          </div>

          <button onClick={capture}

        //   onChange={handleFileChangePicture}

          >

            capture

          </button>

        </>

      )}

      {url && (

        <>

          <div>

            <button

              onClick={() => {

                setUrl(null);

              }}

            >

              delete

            </button>

          </div>

          <div>

            <img src={url} alt="Screenshot" />

          </div>

        </>

      )}

    </>

  );

};

export default Camera;