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

const FaceSearch = () => {
  const [results, setResults] = useState([]);
  const [preview, setPreview] = useState("");
  const [consent, setConsent] = useState(false);
  const fileInput = useRef(null);

  const handleSearch = async (file) => {
    const formData = new FormData();
    formData.append('image', file);

    try {
      // Step 1: Detect face and get embedding
      const detectRes = await axios.post('http://localhost:5000/api/detect', formData);
      const embedding = detectRes.data.embedding;

      // Step 2: Search database
      const searchRes = await axios.post('http://localhost:5000/api/search', {
        embedding: embedding,
        threshold: 0.5
      });

      setResults(searchRes.data.matches);

      // Preview image
      const reader = new FileReader();
      reader.onload = (e) => setPreview(e.target.result);
      reader.readAsDataURL(file);
    } catch (err) {
      alert(err.response?.data?.error || 'Search failed');
    }
  };

  return (
    <div className="container">
      <h1>Face Search Application</h1>

      <div className="consent-box">
        <label>
          <input
            type="checkbox"
            checked={consent}

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        onChange={(e) => setConsent(e.target.checked)}
      />
      I agree to the Privacy Policy
    </label>
  </div>

  <input
    type="file"
    ref={fileInput}
    accept="image/*"
    disabled={!consent}
    onChange={(e) => handleSearch(e.target.files[0])}
  />

  {preview && <img src={preview} alt="Preview" className="preview-img" />}

  <div className="results">
    {results.map((match) => (
      <div key={match.id} className="match-card">
        Match ID: {match.id}
        <span className="confidence">{{match.confidence * 100}}%</span>
      </div>
    ))}
  </div>
</div>
);
};

export default FaceSearch;

```