```jsx
import React, { useState } from 'react';

function App() {
  const [formData, setFormData] = useState({
    time_of_day: 'Morning',
    weather_condition: 'Clear',
    road_condition: 'Dry',
    location_type: 'Urban',
  });
  const [prediction, setPrediction] = useState(null);

  const handleChange = (e) => {
    setFormData({ ...formData, [e.target.name]: e.target.value });
  };

  const handleSubmit = async (e) => {
    e.preventDefault();
    const response = await fetch('http://localhost:5000/predict', {
      method: 'POST',
      headers: { 'Content-Type': 'application/json' },
      body: JSON.stringify(formData),
    });
    const data = await response.json();
    setPrediction(data.prediction);
  };

  return (
    <div className="App">
```

```
<h1>Traffic Accident Severity Predictor</h1>

<form onSubmit={handleSubmit}>

 <label>

  Time of Day:

  <select name="time_of_day" onChange={handleChange}>

   <option>Morning</option>

   <option>Afternoon</option>

   <option>Evening</option>

   <option>Night</option>

  </select>

 </label>

 <br />

 <label>

  Weather:

  <select name="weather_condition" onChange={handleChange}>

   <option>Clear</option>

   <option>Rain</option>

   <option>Snow</option>

   <option>Fog</option>

   <option>Windy</option>

  </select>

 </label>

 <br />

 <label>

  Road Condition:

  <select name="road_condition" onChange={handleChange}>

   <option>Dry</option>

   <option>Wet</option>
```

```jsx
        <option>Icy</option>
        <option>Slippery</option>
        <option>Gravel</option>
      </select>
    </label>
    <br />
    <label>
      Location Type:
      <select name="location_type" onChange={handleChange}>
        <option>Urban</option>
        <option>Rural</option>
      </select>
    </label>
    <br />
    <button type="submit">Predict</button>
  </form>

  {prediction !== null && (
    <div>
      <h2>Prediction Result:</h2>
      <p>Predicted Severity: {prediction}</p>
    </div>
  )}
  </div>
 );
}

export default App;
```