Import React, { useState, useRef } from ‘react’;

Import { Card } from ‘@/components/ui/card’;

Const AutoWorksBill = () => {

Const [rows, setRows] = useState([{

Date: ‘’,

vehicleNo: ‘’,

work: ‘’,

amount: ‘’

}]);

Const [showSuggestions, setShowSuggestions] = useState(-1);

Const [total, setTotal] = useState(0);

Const [amountInWords, setAmountInWords] = useState(‘Zero Rupees Only’);

// Common lorry mechanic works

Const mechanicWorks = [

“Wheel Alignment”,

“Brake Adjustment”,

“Clutch Adjustment”,

“Engine Overhaul”,

“Gear Box Repair”,

“Differential Repair”,

“Suspension Work”,

“Air Brake System Service”,

“Crown Wheel Pinion Replacement”,

“Propeller Shaft Repair”,

“Steering Box Repair”,

“Leaf Spring Replacement”,

“King Pin Replacement”,

“Hub Bearing Replacement”,

“Axle Repair”,

“Cabin Repair”,

“Radiator Service”,

“Oil Change”,

“Filter Replacement”,

“Tyre Rotation”,

“Wheel Balancing”,

“Brake Shoe Replacement”,

“Clutch Plate Replacement”,

“Pressure Plate Replacement”

];

Const calculateTotal = (newRows) => {

Const sum = newRows.reduce((acc, row) => acc + (parseFloat(row.amount) || 0), 0);

setTotal(sum);

setAmountInWords(numberToWords(sum));

};

Const numberToWords = (num) => {

If (num === 0) return ‘Zero Rupees Only’;

Const ones = [‘’, ‘One’, ‘Two’, ‘Three’, ‘Four’, ‘Five’, ‘Six’, ‘Seven’, ‘Eight’, ‘Nine’];

Const tens = [‘’, ‘’, ‘Twenty’, ‘Thirty’, ‘Forty’, ‘Fifty’, ‘Sixty’, ‘Seventy’, ‘Eighty’, ‘Ninety’];

Const teens = [‘Ten’, ‘Eleven’, ‘Twelve’, ‘Thirteen’, ‘Fourteen’, ‘Fifteen’, ‘Sixteen’, ‘Seventeen’, ‘Eighteen’, ‘Nineteen’];

Const convertLessThanThousand = (n) => {

If (n === 0) return ‘’;

If (n < 10) return ones[n];

If (n < 20) return teens[n – 10];

If (n < 100) return tens[Math.floor(n/10)] + (n%10 ? ‘ ‘ + ones[n%10] : ‘’);

Return ones[Math.floor(n/100)] + ‘ Hundred’ + (n%100 ? ‘ and ‘ + convertLessThanThousand(n%100) : ‘’);

};

Const thousands = Math.floor(num / 1000);

Const remainder = num % 1000;

Let result = ‘’;

If (thousands) {

Result += convertLessThanThousand(thousands) + ‘ Thousand’;

}

If (remainder) {

Result += (result ? ‘ ‘ : ‘’) + convertLessThanThousand(remainder);

}

Return result + ‘ Rupees Only’;

};

Const addRow = () => {

setRows([…rows, { date: ‘’, vehicleNo: ‘’, work: ‘’, amount: ‘’ }]);

};

Const deleteRow = (index) => {

Const newRows = rows.filter((\_, i) => I !== index);

setRows(newRows);

calculateTotal(newRows);

};

Const updateRow = (index, field, value) => {

Const newRows = […rows];

newRows[index][field] = value;

setRows(newRows);

if (field === ‘amount’) {

calculateTotal(newRows);

}

};

Const selectSuggestion = (index, work) => {

updateRow(index, ‘work’, work);

setShowSuggestions(-1);

};

Return (

<Card className=”max-w-4xl mx-auto p-6 print:shadow-none print:border-none”>

<div className=”flex justify-between border-b-2 border-gray-800 pb-4 mb-6”>

<div>

<div className=”text-2xl font-bold”>SK AUTO WORKS</div>

</div>

<div className=”text-right”>

<div>EDAYAR, ERNAKULAM DIST.</div>

<div>KOCHI-683501</div>

<div>MOB: 7736897349</div>

</div>

</div>

<div className=”mb-6”>

<div className=”flex justify-between”>

<div>

<label className=”mr-2”>Bill No:</label>

<input type=”text” className=”border p-1 rounded w-48” />

</div>

<div>

<label className=”mr-2”>Date:</label>

<input type=”date” className=”border p-1 rounded w-48” />

</div>

</div>

<div className=”mt-3”>

<label className=”mr-2”>Name:</label>

<input type=”text” className=”border p-1 rounded w-full” />

</div>

</div>

<table className=”w-full border-collapse mb-4”>

<thead>

<tr>

<th className=”border p-2 bg-gray-50”>Date</th>

<th className=”border p-2 bg-gray-50”>Vehicle No</th>

<th className=”border p-2 bg-gray-50”>Work</th>

<th className=”border p-2 bg-gray-50”>Amount (Rs)</th>

<th className=”border p-2 bg-gray-50 print:hidden”>Action</th>

</tr>

</thead>

<tbody>

{rows.map((row, index) => (

<tr key={index}>

<td className=”border p-2”>

<input

Type=”date”

className=”w-full”

value={row.date}

onChange={€ => updateRow(index, ‘date’, e.target.value)}

/>

</td>

<td className=”border p-2”>

<input

Type=”text”

className=”w-full”

value={row.vehicleNo}

onChange={€ => updateRow(index, ‘vehicleNo’, e.target.value)}

/>

</td>

<td className=”border p-2 relative”>

<input

Type=”text”

className=”w-full”

value={row.work}

onChange={€ => updateRow(index, ‘work’, e.target.value)}

onFocus={() => setShowSuggestions(index)}

/>

{showSuggestions === index && (

<div className=”absolute z-10 w-full bg-white border shadow-lg max-h-48 overflow-y-auto”>

{mechanicWorks

.filter(work => work.toLowerCase().includes(row.work.toLowerCase()))

.map((work, i) => (

<div

Key={i}

className=”p-2 hover:bg-gray-100 cursor-pointer”

onClick={() => selectSuggestion(index, work)}

>

{work}

</div>

))}

</div>

)}

</td>

<td className=”border p-2”>

<input

Type=”number”

className=”w-full”

value={row.amount}

onChange={€ => updateRow(index, ‘amount’, e.target.value)}

/>

</td>

<td className=”border p-2 print:hidden”>

<button

onClick={() => deleteRow(index)}

className=”bg-red-500 text-white px-2 py-1 rounded”

>

Delete

</button>

</td>

</tr>

))}

</tbody>

</table>

<button

onClick={addRow}

className=”bg-green-500 text-white px-4 py-2 rounded mb-4 print:hidden”

>

Add Row

</button>

<div className=”text-right font-bold mb-6”>

<div>Total: Rs. {total.toFixed(2)}</div>

<div>Amount in words: {amountInWords}</div>

</div>

<div className=”flex justify-between mt-12 pt-4 border-t”>

<div className=”text-center w-48”>

<div>Customer’s Signature</div>

<div className=”mt-10”>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</div>

</div>

<div className=”text-center w-48”>

<div>For SK Auto Works</div>

<div className=”mt-10”>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</div>

</div>

</div>

<button

onClick={() => window.print()}

className=”bg-blue-500 text-white px-4 py-2 rounded mt-6 print:hidden”

>

Print Bill

</button>

</Card>

);

};

Export default AutoWorksBill;