

```
1 import React, { useState } from "react";
2 import { Typography, Box, Button, MenuItem, Select } from "@mui/material";
3
4 /**
5  * Component to display the monthly report of costs.
6  *
7  * @param {Object} props - Component props.
8  * @param {Array} props.costs - List of costs for the month.
9  * @param {Function} props.onFetchCosts - Function to fetch costs for
10  * a specific month and year.
11  */
12 const MonthlyReport = ({ costs, onFetchCosts }) => {
13   const currentMonth = new Date().getMonth() + 1; // Current month (1-12)
14   const currentYear = new Date().getFullYear(); // Current year
15
16   const [selectedMonth, setSelectedMonth] = useState(currentMonth);
17   const [selectedYear, setSelectedYear] = useState(currentYear);
18
19   const handleFetch = () => {
20     onFetchCosts(selectedMonth, selectedYear);
21   };
22
23   const filteredCosts = costs.filter((cost) => {
24     const costDate = new Date(cost.date);
25     return (
26       costDate.getMonth() + 1 === selectedMonth &&
27       costDate.getFullYear() === selectedYear
28     );
29   });
30
31   return (
32     <Box sx={{ width: "100%", textAlign: "center", p: 2 }}>
33       <Box sx={{ display: "flex", justifyContent: "center", mb: 2 }}>
34         <Select
35           value={selectedMonth}
36           onChange={(e) => setSelectedMonth(e.target.value)}
37           sx={{ mr: 2 }}
38         >
39           {[...Array(12).keys()].map((month) => (
40             <MenuItem key={month + 1} value={month + 1}>
41               {new Date(0, month).toLocaleString("default", { month: "long" })}
42             </MenuItem>
43           ))}
44         </Select>
45         <Select
46           value={selectedYear}
47           onChange={(e) => setSelectedYear(e.target.value)}
48         >
49           {[
50             currentYear - 5,
51             currentYear - 4,
52             currentYear - 3,
53             currentYear - 2,
54             currentYear - 1,
55             currentYear,
```

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56         ].map((year) => (  
57             <MenuItem key={year} value={year}>  
58                 {year}  
59             </MenuItem>  
60         )))  
61     </Select>  
62 </Box>  
63 {filteredCosts.length === 0 ? (  
64     <Typography variant="body1" sx={{ mb: 2 }}>  
65         No costs found for the selected month and year.  
66     </Typography>  
67 ) : (  
68     <Box>  
69         <Typography variant="h6" sx={{ mb: 2 }}>  
70             Monthly Report for{" "  
71             {new Date(0, selectedMonth - 1).toLocaleString("default", {  
72                 month: "long",  
73             })}{ " "  
74             {selectedYear}  
75         </Typography>  
76         <ul>  
77             {filteredCosts.map((cost, index) => (  
78                 <li key={index}>  
79                     {new Date(cost.date).toLocaleDateString()} : {cost.description}{ " "  
80                     - {cost.sum} ({cost.category})  
81                 </li>  
82             )})  
83         </ul>  
84     </Box>  
85 )}  
86 <Button  
87     variant="contained"  
88     color="primary"  
89     onClick={handleFetch}  
90     sx={{ mt: 2 }}  
91 >  
92     Refresh Report  
93 </Button>  
94 </Box>  
95 );  
96 };  
97  
98 export default MonthlyReport;
```