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## **JAVASCRIPT PROJECT**

### **EXPENSE TRACKER**

#### **CODE:**

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta name="viewport" content="width=device-width, initial-  
scale=1.0">
```

```
  <title>Expense Tracker</title>
```

```
  <style>
```

```
    body {
```

```
      font-family: Arial, sans-serif;
```

```
      background-image:
```

```
url('https://images.pexels.com/photos/16282306/pexels-photo-  
16282306/free-photo-of-a-person-using-a-calculator.jpeg');
```

```
      background-size: cover;
```

```
      background-position: center;
```

```
background-repeat: no-repeat;

display: flex;

justify-content: center;

align-items: center;

height: 100vh;

margin: 0;

}
```

```
.tracker {

background: white;

padding: 20px;

border-radius: 20px;

box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

width: 400px;

}
```

```
h1, h2, h3 {

text-align: center;

margin: 10px 0;

}
```

```
form {  
    display: flex;  
    flex-direction: column;  
    gap: 15px;  
}
```

```
input, select, button {  
    padding: 10px;  
    border: 1px solid #ccc;  
    border-radius: 5px;  
}
```

```
button {  
    background-color: lightskyblue;  
    color: white;  
    border: none;  
    cursor: pointer;  
    transition: background-color 0.3s ease;  
}
```

```
button:hover {
```

```
background-color: yellowgreen;  
}
```

```
ul {  
    list-style-type: none;  
    padding: 0;  
}
```

```
ul li {  
    background: whitesmoke;  
    margin: 5px 0;  
    padding: 10px;  
    border: 1px solid #ddd;  
    border-radius: 15px;  
    display: flex;  
    justify-content: space-between;  
    align-items: center;  
}
```

```
ul li button {  
    background: red;
```

```
color: white;

border: none;

cursor: pointer;

padding: 5px 10px;

border-radius: 5px;

transition: background-color 0.3s ease;

}
```

```
ul li button:hover {

    background-color: darkred;

}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div class="tracker">
```

```
<h1>Expense Tracker</h1>
```

```
<form id="expense-form">
```

```
<input type="text" id="description" placeholder="Description"
required>
```

```
<input type="number" id="amount" placeholder="Amount"
required>
```

```
<input type="date" id="date" required>
```

```
<select id="category">
  <option value="Food">Food</option>
  <option value="Transportation">Transportation</option>
  <option value="Entertainment">Entertainment</option>
  <option value="Rent">Rent</option>
  <option value="Other">Other</option>
</select>

<button type="submit"><b>Add Expense</b></button>
</form>

<h2>Expenses</h2>

<ul id="expense-list"></ul>

<h3>Total: ₹<span id="total">0</span></h3>
</div>

<script>

  const expenseForm = document.getElementById('expense-form');
  const expenseList = document.getElementById('expense-list');
  const totalDisplay = document.getElementById('total');

  let total = 0;
```

```
expenseForm.addEventListener('submit', function (e) {  
    e.preventDefault();  
  
    const description =  
document.getElementById('description').value;  
  
    const amount =  
parseFloat(document.getElementById('amount').value);  
  
    const dateInput = document.getElementById('date').value;  
    const category = document.getElementById('category').value;  
  
  
    const currentDate = new Date();  
    const enteredDate = new Date(dateInput);  
  
    if (!description || !amount || amount <= 0 || !dateInput) {  
        alert('Please fill in all fields with valid data.');        return;  
    }  
  
    if (enteredDate > currentDate) {  
        alert('The date cannot be in the future.');        return;  
    }  
}
```

```
}
```

```
const formattedDate = enteredDate.toLocaleDateString('en-GB');
```

```
const li = document.createElement('li');
```

```
li.innerHTML = `
```

```
  ${description} - ₹${amount} (${category}) - ${formattedDate}
```

```
  <button class="delete-btn" aria-label="Delete  
expense">X</button>`;
```

```
expenseList.appendChild(li);
```

```
total += amount;
```

```
totalDisplay.textContent = total.toFixed(2);
```

```
expenseForm.reset();
```

```
li.querySelector('.delete-btn').addEventListener('click', function  
{
```

```
  li.remove();
```

```
  total -= amount;
```



```
totalDisplay.textContent = total.toFixed(2);

});

});

</script>

</body>

</html>
```

## OUTPUT:



