

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Shopping List</title>
  <style>
    body {
      font-family: Arial, sans-serif;
    }
  </style>
</head>
<body>
  <h1>Shopping List</h1>
  <div>
    <label for="itemName">Item:</label>
    <input type="text" id="itemName" placeholder="Enter item">
  </div>
  <div>
    <label for="itemPrice">Price:</label>
    <input type="number" id="itemPrice" placeholder="Enter price">
  </div>
  <div>
    <label for="itemQuantity">Quantity:</label>
    <input type="number" id="itemQuantity" placeholder="Enter
quantity">
  </div>
  <button onclick="addItem()">Add Item</button>
  <ul id="itemList">
    <!-- Items will be added dynamically here -->
  </ul>

  <script>
    var shoppingList = [];

    function addItemToList(item) {
      shoppingList.push(item);
    }
  </script>
</body>
</html>
```

```
function removeItemFromList(index) {
    shoppingList.splice(index, 1);
}

function getShoppingList() {
    return shoppingList;
}

function displayItems() {
    var itemList = document.getElementById("itemList");
    itemList.innerHTML = "";
    var list = getShoppingList();
    for (var i = 0; i < list.length; i++) {
        var item = list[i];
        var listItem = document.createElement("li");
        listItem.textContent = `Item: ${item.name}, Price:
${item.price}, Quantity: ${item.quantity}`;

        var deleteButton = document.createElement("button");

        deleteButton.onclick = (function (index) {
            return function () {
                removeItem(index);
            };
        })(i);

        listItem.appendChild(deleteButton);
        itemList.appendChild(listItem);
    }
}

function addItem() {
    var itemNameInput = document.getElementById("itemName");
    var itemPriceInput = document.getElementById("itemPrice");
    var itemQuantityInput =
document.getElementById("itemQuantity");
```

```
        var itemName = itemNameInput.value.trim();
        var itemPrice = parseFloat(itemPriceInput.value);
        var itemQuantity = parseInt(itemQuantityInput.value);
        if (itemName !== "" && !isNaN(itemPrice) &&
!isNaN(itemQuantity) && itemPrice > 0 && itemQuantity > 0)
            { var newItem = {
                name: itemName,
                price: itemPrice,
                quantity: itemQuantity
            };

            addItemToList(newItem);
            displayItems();
            itemNameInput.value = "";
            itemPriceInput.value = "";
            itemQuantityInput.value = "";
        } else {
            alert("Please enter valid item details.");
        }
    }
}

</script>
</body>
</html>
```

