

Roll No. 22cs3040

Lab-7 Assignment Web development

```
<!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>
    /* Add some basic styling */
    body {
      font-family: Arial, sans-serif;
      margin: 10px;
      padding: 10px;
      background-image: url(https://plus.unsplash.com/premium_photo-1673977133038-c087bb358fcf?w=600&auto=format&fit=crop&q=60&ixlib=rb-204.0.3&ixid=M3wxMjA3fDB8MHxzZWZyY2h8NXx8c2hvchBpbmd8ZW58MHx8MHx8fDA%3D);
    }

    #app {
      max-width: 500px;
      margin: 20px auto;
      background-color: #fff;
      padding: 20px;
      border-radius: 8px;
      box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    }

    #shopping-list {
      list-style-type: none;
      padding: 0;
    }

    #shopping-list li {
      margin-bottom: 5px;
      padding: 10px;
      background-color: #d7ad13;
    }
  </style>
</head>

<body>
  <div id="app">
    <h2>Shopping List</h2>
    <ul id="shopping-list">
      <li>Apples</li>
      <li>Bananas</li>
      <li>Oranges</li>
      <li>Pears</li>
      <li>Grapes</li>
      <li>Strawberries</li>
      <li>Blueberries</li>
      <li>Blackberries</li>
      <li>Raspberries</li>
      <li>Pineapples</li>
      <li>Mangoes</li>
      <li>Avocados</li>
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      <li>Cherries&lt
```

```

        border-radius: 4px;
        display: flex;
        align-items: center;
        color: red;
    }

    #shopping-list li input[type="checkbox"] {
        margin-right: 10px;
    }
</style>
</head>

<body>
    <div id="app">
        <h1>Shopping List</h1>
        <form id="add-item-form">
            <input type="text" id="item-input" placeholder="Add new item">
            <button type="submit">Add </button>
        </form>
        <ul id="shopping-list">
            <!-- Shopping list items will be dynamically added here -->
        </ul>
    </div>
    <script>
        const addItemForm = document.getElementById('add-item-form');
        const itemInput = document.getElementById('item-input');
        const shoppingList = document.getElementById('shopping-list');
        let items = [];

        // Function to retrieve items from LocalStorage
        function fetchItemsFromStorage() {
            const storedItems = localStorage.getItem('shoppingListItems');
            if (storedItems) {
                items = JSON.parse(storedItems);
            }
        }

        // Function to save items to LocalStorage
        function saveItemsToStorage() {
            localStorage.setItem('shoppingListItems',
JSON.stringify(items));
        }
    </script>

```

```

    // Function to render shopping list
    function renderShoppingList() {
        shoppingList.innerHTML = '';
        items.forEach((item, index) => {
            const listItem = document.createElement('li');
            listItem.innerHTML = `
                <input type="checkbox" id="item-${index}">
                <label for="item-${index}">${item}</label>
            `;
            shoppingList.appendChild(listItem);
        });
        saveItemsToStorage(); // Save items to localStorage after
rendering
    }

    // Function to handle form submission
    function handleFormSubmit(event) {
        event.preventDefault();
        const newItem = itemInput.value.trim();
        if (newItem !== '') {
            items.push(newItem);
            renderShoppingList();
            itemInput.value = '';
        }
    }

    addItemForm.addEventListener('submit', handleFormSubmit);

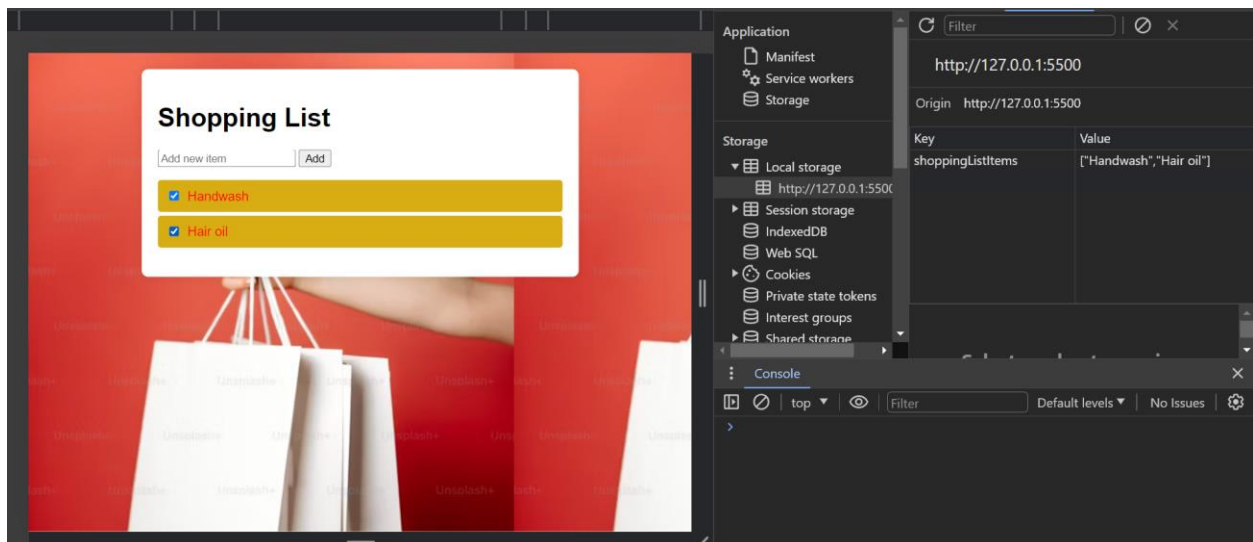
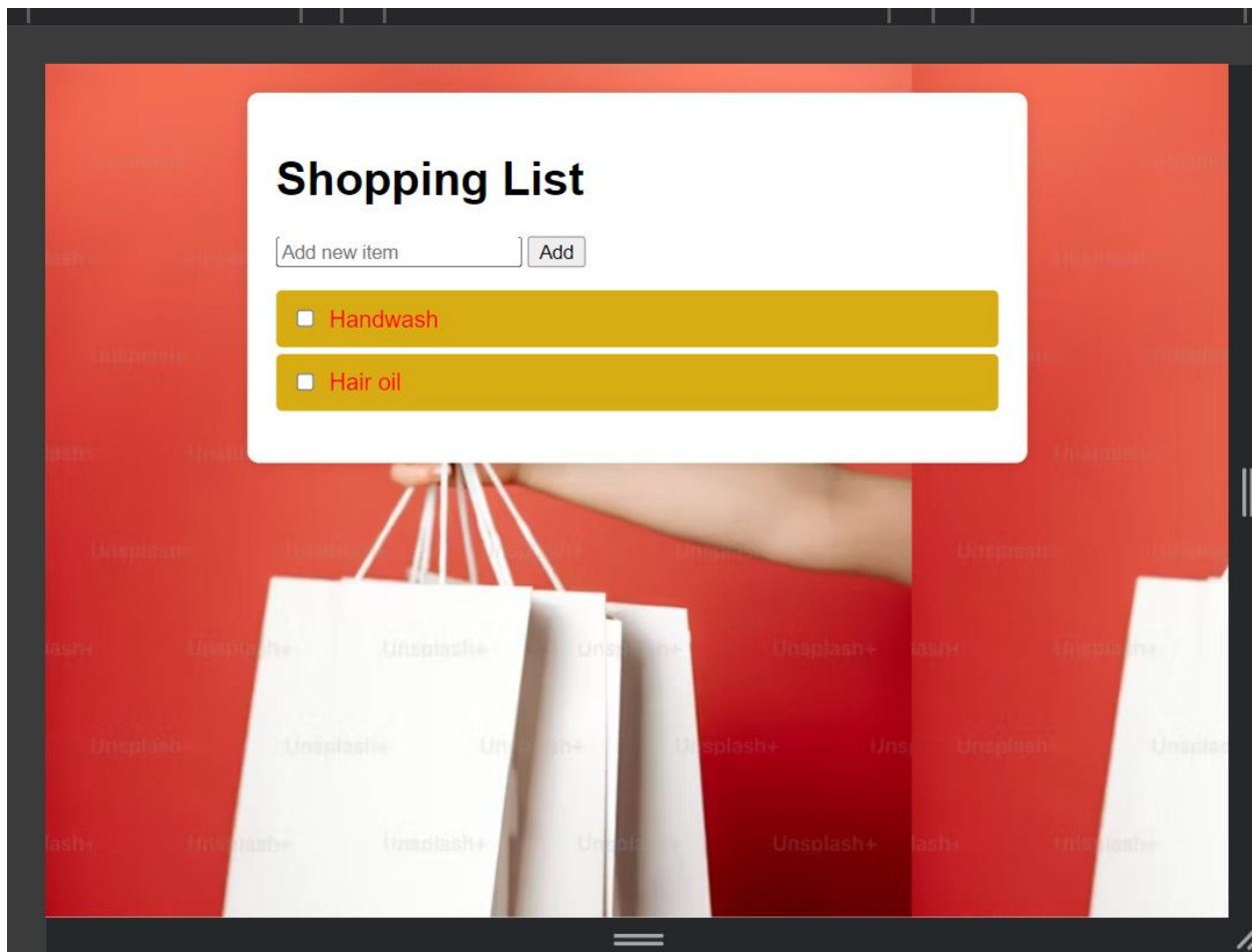
    // Initial setup: Fetch items from storage and render the list
    fetchItemsFromStorage();
    renderShoppingList();
</script>

</body>

</html>

```

Output:



Application

- Manifest
- Service workers
- Storage

Storage

- Local storage
- http://127.0.0.1:5500
- Session storage
- IndexedDB
- Web SQL
- Cookies
- Private state tokens
- Interest groups
- Shared storage

Key	Value
shoppingListItems	["Handwash","Hair oil"]

Console

top Filter Default levels No Issues