Web Tech Lab – 07

Date – 08/03/2024

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T1 :

HTML :

```html
<!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>
</head>
<body>
<h1>Shopping List</h1>
<div id="app">
  <input type="text" id="itemInput" placeholder="Enter item">
  <button onclick="addItem()">Add Item</button>
  <ul id="itemList"></ul>
</div>

<script src="08march.js"></script>
</body>
</html>
```

JS :

```javascript
// Check if local storage is supported
function isLocalStorageSupported() {
    try {
```

```javascript
      return 'localStorage' in window && window['localStorage'] !== null;
    } catch (e) {
      return false;
    }
  }

  // Function to fetch items from local storage
  function fetchItems() {
    if (isLocalStorageSupported()) {
      const storedItems = localStorage.getItem('shoppingList');
      if (storedItems) {
        return JSON.parse(storedItems);
      }
    }
    return [];
  }

  // Function to save items to local storage
  function saveItems(items) {
    if (isLocalStorageSupported()) {
      localStorage.setItem('shoppingList', JSON.stringify(items));
    }
  }

  // Function to render items
  function renderItems(items) {
    const itemList = document.getElementById('itemList');
    itemList.innerHTML = '';
    items.forEach(item => {
      const li = document.createElement('li');
      li.textContent = item;
      itemList.appendChild(li);
    });
  }

  // Function to add item
  function addItem() {
    const itemInput = document.getElementById('itemInput');
    const newItem = itemInput.value.trim();
    if (newItem !== '') {
      const items = fetchItems();
      items.push(newItem);
      saveItems(items);
      renderItems(items);
      itemInput.value = '';
    }
  }
```

```
  // Initial rendering
  window.onload = function () {
    const items = fetchItems();
    renderItems(items);
  };
```

Output :

Shopping List

| Enter item | Add Item |

- Surf Excel
- Biscuit
- Tooth Brush

T2 :

HTML and Js :

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Shopping List App</title>
<style>
  /* Add your CSS styles here */
</style>
</head>
<body>

<h1>Shopping List</h1>

<div id="app">
  <input type="text" id="item" placeholder="Enter item">
```

```html
    <button onclick="addItem()">Add Item</button>
    <ul id="list"></ul>
</div>

<p>Number of times you have accessed this page: <span
id="visitCount">0</span></p>

<script>
  // JavaScript code
  document.addEventListener("DOMContentLoaded", function() {
    // Get the visit count from localStorage or set it to 0 if not present
    let visitCount = parseInt(localStorage.getItem('visitCount')) || 0;

    // Increment the visit count and update the display
    visitCount++;
    document.getElementById('visitCount').textContent = visitCount;
    // Store the updated visit count in localStorage
    localStorage.setItem('visitCount', visitCount.toString());

    let items = JSON.parse(localStorage.getItem('shoppingList')) || [];

    const addItem = () => {
      const itemInput = document.getElementById('item');
      const itemName = itemInput.value.trim();

      if (itemName !== '') {
        items.push(itemName);
        localStorage.setItem('shoppingList', JSON.stringify(items));
        renderList();
        itemInput.value = '';
      }
    };

    const renderList = () => {
      const list = document.getElementById('list');
      list.innerHTML = '';
      items.forEach(item => {
        const li = document.createElement('li');
        li.textContent = item;
        list.appendChild(li);
      });
    };

    renderList();
  });
</script>

</body>
```

```
</html>
```

Output :

Shopping List

Enter item | Add Item

- Surf Excel
- Biscuit
- Tooth Brush

Number of times you have accessed this page: 12