M I T School of Engineering

Department of Computer Science and Engineering

Subject: Web Technology Lab

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Class: TY CSE-ISA 2
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ASSIGNMENT 6

CODE:-

HTML:

```html
<!DOCTYPE html>
<html>
    <head>
        <link rel="stylesheet" href="style.css" />
    </head>
    <body>
        <div class="container">
            <h1>Shopping Cart</h1>
            <table id="cart">
                <tr>
                    <th>Title</th>
                    <th>Author</th>
                    <th>Price</th>
                    <th>Action</th>
                </tr>
            </table>
            <input
                class="input-field"
                id="title"
                type="text"
```

```html
                    placeholder="Title"
                />
                <input
                    class="input-field"
                    id="author"
                    type="text"
                    placeholder="Author"
                />
                <input
                    class="input-field"
                    id="price"
                    type="text"
                    placeholder="Price"
                />
                <button class="btn" id="addBtn">Add to Cart</button>
        </div>
        <script src="script.js"></script>
    </body>
</html>
```

CSS :

```css
body {
    background-color: #add8e6;
}
h1 {
    font-size: 36px;
    color: #1e90ff;
    text-align: center;
    margin-top: 50px;
}

table {
    width: 100%;
    border-collapse: collapse;
    margin-top: 20px;
}

th,
td {
    border: 1px solid #dddddd;
    padding: 8px;
    text-align: left;
}

th {
    background-color: #1e90ff;
```

```css
        color: white;
}

input[type="text"],
input[type="number"] {
    width: 100%;
    padding: 12px 20px;
    margin: 8px 0;
    box-sizing: border-box;
    border: 2px solid #ccc;
    border-radius: 4px;
}

input {
    padding: 10px;
    font-size: 18px;
    border-radius: 5px;
    border: 1px solid #ccc;
    margin-top: 10px;
    width: 200px;
}

input[type="text"]:focus,
input[type="number"]:focus {
    border: 2px solid #555;
}

.form-container {
    width: 50%;
    margin: 0 auto;
    text-align: center;
}

.form-container h3 {
    margin-top: 0;
    font-size: 36px;
}

.form-container label {
    display: block;
    margin-bottom: 8px;
    font-size: 18px;
}

.form-container input[type="submit"] {
    width: 50%;
    padding: 14px 20px;
    margin: 20px 0;
```

```css
    border-radius: 4px;
    background-color: #228b22; /* Forest green */
    color: white;
    cursor: pointer;
    font-size: 18px;
}

.delete-button {
    background-color: #ff0000; /* Red */
    color: white;
    padding: 5px 10px;
    border-radius: 4px;
    cursor: pointer;
    font-size: 18px;
}

.update-button {
    background-color: #ff8c00; /* Dark orange */
    color: white;
    padding: 5px 10px;
    border-radius: 4px;
    cursor: pointer;
    font-size: 18px;
}

.header {
    background-color: #00bfff; /* Deep Sky Blue */
    color: white;
    padding: 15px;
    text-align: center;
    font-size: 36px;
}

.footer {
    background-color: #228b22; /* Forest Green */
    color: white;
    padding: 15px;
    text-align: center;
    font-size: 18px;
}
```

Js:

```js
const addButton = document.getElementById("addBtn");
const cartTable = document.getElementById("cart");
let cartItems = [];
```

```javascript
addButton.addEventListener("click", function () {
    const title = document.getElementById("title").value;
    const author = document.getElementById("author").value;
    const price = document.getElementById("price").value;

    if (title && author && price) {
        const book = { title, author, price };
        const existingBook = cartItems.find((b) => b.title === title);

        if (existingBook) {
            existingBook.author = author;
            existingBook.price = price;
        } else {
            cartItems.push(book);
        }

        renderCart();
    }
});

function renderCart() {
    cartTable.innerHTML = `
      <tr>
        <th>Title</th>
        <th>Author</th>
        <th>Price</th>
        <th>Action</th>
      </tr>
    `;

    for (let i = 0; i < cartItems.length; i++) {
        const book = cartItems[i];
        const tr = document.createElement("tr");
        tr.innerHTML = `
        <td>${book.title}</td>
        <td>${book.author}</td>
        <td>${book.price}</td>
        <td>
          <button class="delete-button" data-index="${i}">Delete</button>
        </td>
      `;
        cartTable.appendChild(tr);
    }

    const deleteButtons = document.querySelectorAll(".delete-button");
    for (const deleteButton of deleteButtons) {
        deleteButton.addEventListener("click", function () {
            const index = this.getAttribute("data-index");
```

```
            cartItems.splice(index, 1);
            renderCart();
        });
    }
}

renderCart();
```

OUTPUT:

Shopping Cart

Title	Author	Price	Action
firebird	kanishk	50	Delete
mocking bird	max	550	Delete

mocking bird

max

550

Add to Cart

Shopping Cart

Title	Author	Price	Action
mocking bird	max	550	Delete

mocking bird

max

550

Add to Cart