**WEEK-2**

**Mini Project: "Personal Library"**

<!DOCTYPE html>

<html>

<head>

<meta name="viewport" content="width=device-width, initial-scale=1">

<style>

body {font-family: Arial, Helvetica, sans-serif;}

input[type=text], input[type=password] {

  width: 40%;

  padding: 12px 20px;

  margin: 8px 0;

  display: inline-block;

  border: 1px solid #ccc;

  box-sizing: border-box;

}

button {

  background-color: #04AA6D;

  color: white;

  padding: 14px 20px;

  margin: 8px 0;

  border: none;

  cursor: pointer;

  width: 100%;

}

button:hover {

  opacity: 0.8;

}

.cancelbtn {

  width: auto;

  padding: 10px 18px;

  background-color: #f44336;

}

.imgcontainer {

  text-align: center;

  margin: 24px 0 12px 0;

  position: relative;

}

img.avatar  {

  width: 5%;

  border-radius: 10%;

}

.container {

  padding: 16px;

}

span.psw {

  float: right;

  padding-top: 16px;

}

.modal {

  display: none;

  position: fixed;

  z-index: 1;

  left: 0;

  top: 0;

  width: 100%;

  height: 100%;

  overflow: auto;

  background-color: rgb(0,0,0);

  background-color: rgba(0,0,0,0.4);

  padding-top: 60px;

}

.modal-content {

  background-color: #fefefe;

  margin: 5% auto 15% auto;

  border: 1px solid #888;

  width: 80%;

}

.close {

  position: absolute;

  right: 25px;

  top: 0;

  color: #000;

  font-size: 35px;

  font-weight: bold;

}

.close:hover,

.close:focus {

  color: red;

  cursor: pointer;

}

.animate {

  -webkit-animation: animatezoom 0.6s;

  animation: animatezoom 0.6s

}

@-webkit-keyframes animatezoom {

  from {-webkit-transform: scale(0)}

  to {-webkit-transform: scale(1)}

}

@keyframes animatezoom {

  from {transform: scale(0)}

  to {transform: scale(1)}

}

@media screen and (max-width: 300px) {

  span.psw {

     display: block;

     float: none;

  }

  .cancelbtn {

     width: 50%;

  }

}

</style>

</head>

<body>

<h2>Login Form</h2>

<button onclick="document.getElementById('id01').style.display='block'" style="width:auto;">Login</button>

<div id="id01" class="modal">

  <form class="modal-content animate" action="/action\_page.php" method="post">

    <div class="imgcontainer">

      <span onclick="document.getElementById('id01').style.display='none'" class="close" title="Close Modal">&times;</span>

      <img src="C:\Users\admin\Downloads\img\_avatar.png" alt="Avatar" class="avatar">

    </div>

    <div class="container">

      <label for="uname"><b>Username</b></label>

      <input type="text" placeholder="Enter Username" name="uname" required>

      <label for="psw"><b>Password</b></label>

      <input type="password" placeholder="Enter Password" name="psw" required>

      <button type="submit">Login</button>

      <label>

        <input type="checkbox" checked="checked" name="remember"> Remember me

      </label>

    </div>

    <div class="container" style="background-color:#f1f1f1">

      <button type="button" onclick="document.getElementById('id01').style.display='none'" class="cancelbtn">Cancel</button>

      <span class="psw">Forgot <a href="#">password?</a></span>

    </div>

  </form>

</div>

<script>

var modal = document.getElementById('id01');

window.onclick = function(event) {

    if (event.target == modal) {

        modal.style.display = "none";

    }

}

</script>

</body>

</html>

<!DOCTYPE html>

<html>

<head>

  <title>Personal Library</title>

</head>

<body>

    <center>

        <body style="background-color:rgb(197, 16, 167);"></body>

        <h1 style="background-color:rgb(11, 209, 133);">My Personal Library</h1>

</center>

  <div>

    <center>

    <h2>Add a Book</h2>

    <label>Title: <input type="text" id="title"></label>

    <label>Author: <input type="text" id="author"></label>

    <label>Read: <input type="checkbox" id="isRead"></label>

    <button onclick="addBook()">Add Book</button>

</center>

  </div>

  <div>

    <h1 style="background-color:rgb(11, 209, 133);">My Library List</h1>

    <ul id="libraryList"></ul>

  </div>

  <script>

    class Book {

      constructor(title, author, isRead) {

        this.title = title;

        this.author = author;

        this.isRead = isRead;

      }

      toggleReadStatus() {

        this.isRead = !this.isRead;

      }

    }

    const library = [];

    function addBookToLibrary(title, author, isRead) {

      const newBook = new Book(title, author, isRead);

      library.push(newBook);

    }

    function removeBookFromLibrary(index) {

      library.splice(index, 1);

    }

    function displayLibrary() {

      const libraryList = document.getElementById('libraryList');

      libraryList.innerHTML = '';

      library.forEach((book, index) => {

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

        listItem.innerHTML = `${book.title} by ${book.author} - ${book.isRead ? 'Read' : 'Not read'}`;

        const toggleButton = document.createElement('button');

        toggleButton.textContent = 'Toggle Read Status';

        toggleButton.addEventListener('click', () => {

          toggleReadStatus(index);

          displayLibrary();

        });

        const removeButton = document.createElement('button');

        removeButton.textContent = 'Remove';

        removeButton.addEventListener('click', () => {

          removeBookFromLibrary(index);

          displayLibrary();

        });

        listItem.appendChild(toggleButton);

        listItem.appendChild(removeButton);

        libraryList.appendChild(listItem);

      });

    }

    function toggleReadStatus(index) {

      library[index].toggleReadStatus();

    }

    function addBook() {

      const title = document.getElementById('title').value;

      const author = document.getElementById('author').value;

      const isRead = document.getElementById('isRead').checked;

      addBookToLibrary(title, author, isRead);

      displayLibrary();

    }

    displayLibrary();

  </script>

</body>

</html>





