Phase-4 Second Project

**Source Code:**

**index.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Budget App</title>

    <link rel="stylesheet" href="style.css"/>

</head>

<body>

    <div class="container">

        <div class="header">

          <h1>Budget App</h1>

        </div>

        <div class="budget-section">

          <div class="budget col col-md col-sm">

            <h2>budget</h2>

            <img src="image/money-bag.svg" width="40" alt="" />

            <p class="amount">$ <span id="budgetAmount">0</span></p>

          </div>

          <div class="expenses col col-md col-sm">

            <h2>expenses</h2>

            <img src="image/accounting.svg" width="40" alt="" />

            <p class="exp-amount">$ <span id="expensesAmount">0</span></p>

          </div>

          <div class="balance col col-md col-sm">

            <h2>balance</h2>

            <img src="image/law.svg" width="40" alt="" />

            <p class="amount bala">$ <span id="balanceAmount">0</span></p>

          </div>

        </div>

        <div id="displayExpenses">

          <div class="budget-list">

            <div class="col">

              <h4>expense title</h4>

            </div>

            <div class="col">

              <h4>expense value</h4>

            </div>

            <div class="col"></div>

          </div>

          <div id="expValue"></div>

        </div>

      </div>

      <div class="toggle">

        <button id="myBtn" type="button">+</button>

      </div>

      <!-- The Modal -->

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

        <!-- Modal content -->

        <div class="modal-content">

          <div class="modal-header">

            <span class="close">&times;</span>

            <h2>Budget Form</h2>

          </div>

          <div class="modal-body">

            <div class="budget-form" id="budgetform">

              <form id="addForm">

                <label for=""> Make a budget</label> <br />

                <input type="number" id="number" /> <br />

                <button type="submit">Add Budget</button>

              </form>

            </div>

            <div class="expense-form" id="expense-form">

              <form action="" id="expForm">

                <div class="">

                  <label for="">please enter your expense</label> <br />

                  <input type="text" id="expName" />

                </div>

                <div class="">

                  <label for="">please enter expense amount</label> <br />

                  <input type="number" id="expNumber" />

                </div>

                <button type="submit" id="submitExpen">Add expense</button>

            </form>

            <button onclick="callBudget()" id="bug">

              Back to add budget ->

            </button>

          </div>

          <div class="edit-form" id="editForm">

            <form action="" id="saveEdit">

              <div class="">

                <label for="">Edit your expense</label> <br />

                <input type="text" id="editExpName" />

              </div>

              <div class="">

                <label for="">Edit expense amount</label> <br />

                <input type="number" id="editExpNumber" />

              </div>

              <button type="submit">Save changes</button>

            </form>

          </div>

        </div>

      </div>

    </div>

    <script src="script.js"></script>

</body>

</html>

**style.css**

@font-face {

    font-family: "General";

    src: url("./font/Nunito-ExtraLight.ttf");

  }

  @font-face {

    font-family: "heading";

    src: url("./font/Nunito-Bold.ttf");

  }

  body {

    margin: 0;

    padding: 0;

    width: 100%;

    font-family: "General";

    height: 100vh;

    background-color: #f5f5f5;

  }

  .container {

    min-height: 80vh;

  }

  .header {

    height: 60px;

    width: 100%;

  }

  h1 {

    margin: 0;

    text-align: center;

    font-family: "heading";

    padding-top: 10px;

  }

  .budget-section {

    display: flex;

    justify-content: space-around;

    align-items: flex-start;

    width: 100%;

    min-height: 160px;

    font-weight: 900;

  }

  .budget-list {

    display: flex;

    justify-content: space-around;

    align-items: flex-start;

    width: 100%;

    height: 70px;

    font-size: 20px;

  }

  .exp-amount {

    color: #b80c09;

  }

  .amount {

    color: #317b22;

  }

  .col {

    width: 40%;

    text-align: center;

    text-transform: capitalize;

  }

  .col p {

    font-size: 40px;

    padding-top: 5px;

    margin: 0;

  }

  .toggle {

    position: fixed;

    right: 0;

    bottom: 18px;

  }

  .toggle button {

    border: none;

    border-radius: 600px;

    background: #04458f;

    padding: 14px 20px;

    color: #ffffff;

    font-size: 30px;

    margin: 10px 50px 0 0;

    cursor: pointer;

  }

  /\* modal form \*/

  .budget-form {

    width: 100%;

    min-height: 200px;

}

form {

  margin: 10px 0 20px 10px;

  min-height: 100px;

}

input {

  width: 60%;

  padding: 8px 0;

  border-radius: 6px;

  border: 1px solid gray;

  margin: 20px 0;

  padding-left: 5px;

  color: #495057;

}

.budget-list .exp p {

  color: #b80c09;

  font-size: 18px;

}

#displayExpenses {

  width: 100%;

  display: none;

}

.expValue {

  display: flex;

  justify-content: space-around;

  height: 40px;

  font-weight: 900;

  text-align: center;

}

#expTitleName {

  width: 40%;

}

#expValueAmount {

  width: 40%;

}

#edite\_delete {

  width: 40%;

}

#edite\_delete img {

  cursor: pointer;

}

#edite\_delete button {

  margin-left: 1px;

  background: none;

  border: none;

}

.budget-form button {

  background: rgb(1, 83, 1);

  border: none;

  border-radius: 6px;

  color: #ffffff;

  padding: 10px 40px;

  cursor: pointer;

  text-transform: capitalize;

  font-size: 16px;

  font-weight: 400;

}

#bug {

  font-size: 14px;

  background: none;

  color: #04458f;

  margin: 0px 0px 15px 10px;

  text-align: justify;

  padding: 0;

}

#expense-form {

  width: 100%;

  display: none;

}

#editForm {

  display: none;

  width: 100%;

}

#editForm button {

  background: #b80c09;

  border: none;

  border-radius: 6px;

  color: #ffffff;

  padding: 10px 30px;

  cursor: pointer;

  text-transform: capitalize;

  font-size: 16px;

  font-weight: 400;

}

.expense-form button {

  background: #b80c09;

  border: none;

  border-radius: 6px;

  color: #ffffff;

  padding: 10px 30px;

  cursor: pointer;

  text-transform: capitalize;

  font-size: 16px;

  font-weight: 400;

}

/\* The Modal (background) \*/

.modal {

  display: block;

  position: fixed;

  z-index: 1;

  left: 0;

  top: 0;

  width: 100%;

  height: 100%;

  overflow: auto;

  background-color: rgba(0, 0, 0, 0.4);

  animation-name: fadeIn;

  animation-duration: 0.4s;

  text-transform: capitalize;

  font-weight: 600;

}

/\* Modal Content \*/

.modal-content {

  position: fixed;

  top: 20%;

  left: 25%;

  background-color: #fefefe;

  width: 50%;

  min-height: 40px;

  animation-name: slideIn;

  animation-duration: 0.4s;

}

/\* The Close Button \*/

.close {

  color: white;

  float: right;

  font-size: 28px;

  font-weight: bold;

  cursor: pointer;

  color: #000;

}

.modal-header {

  padding: 2px 16px;

  border-bottom: 2px solid gray;

}

.modal-body {

  padding: 2px 16px;

}

/\* Add Animation \*/

@keyframes slideIn {

  from {

    top: -300px;

    opacity: 0;

  }

  to {

    top: 0;

    opacity: 1;

  }

}

@keyframes fadeIn {

  from {

    opacity: 0;

  }

  to {

    opacity: 1;

  }

}

**script.js**

const modal = document.getElementById("myModal");

const btn = document.getElementById("myBtn");

const span = document.getElementsByClassName("close")[0];

btn.onclick = function () {

  expName.value = "";

  expNumber.value = "";

  expenseForm.style.display = "block";

  editForm.style.display = "none";

  modal.style.display = "block";

};

span.onclick = function () {

  modal.style.display = "none";

};

window.onclick = function (event) {

  if (event.target == modal) {

    modal.style.display = "none";

  }

};

const amountInput = document.getElementById("number");

const addForm = document.getElementById("addForm");

const budgetAmount = document.getElementById("budgetAmount");

const balanceAmount = document.getElementById("balanceAmount");

const editForm = document.getElementById("editForm");

const saveEdit = document.getElementById("saveEdit");

const editExpValue = document.getElementById("editExpValue");

const editExpNumber = document.getElementById("editExpNumber");

const expForm = document.getElementById("expForm");

const expensesAmount = document.getElementById("expensesAmount");

const expValue = document.getElementById("expValue");

const displayExpenses = document.getElementById("displayExpenses");

const expenseForm = document.getElementById("expense-form");

const budgetform = document.getElementById("budgetform");

let expName = document.getElementById("expName");

let expNumber = document.getElementById("expNumber");

let id = 0;

let details = [];

function getBudgetAmount(amount) {

  if (!amount) {

    amountInput.style.border = "1px solid #b80c09";

    amountInput.placeholder = "input can not be empty";

    amountInput.style.color = "#b80c09";

    setTimeout(() => {

      amountInput.style.color = "#495057";

      amountInput.style.border = "1px solid gray";

    }, 3000);

  } else {

    budgetAmount.innerText = amount;

    balanceAmount.innerText = amount;

    expenseForm.style.display = "block";

    budgetform.style.display = "none";

    editForm.style.display = "none";

    amountInput.value = "";

  }

}

function addExpenses(name, number) {

  if (!name.length || !number.length) {

    expName.style.border = "1px solid #b80c09";

    expName.placeholder = "input can not be empty";

    expName.style.color = "#b80c09";

    expNumber.style.border = "1px solid #b80c09";

    expNumber.placeholder = "input can not be empty";

    expNumber.style.color = "#b80c09";

    setTimeout(() => {

      expName.style.color = "#495057";

      expName.style.border = "1px solid gray";

      expName.placeholder = "input can not be empty";

      expNumber.placeholder = "input can not be empty";

      expNumber.style.border = "1px solid gray";

      expNumber.style.color = "#495057";

    }, 3000);

  } else {

    const userExp = {

      id: id,

      name: name,

      number: parseInt(number),

    };

    details.push(userExp);

    displayExp(details);

    id++;

    expName.value = "";

    expNumber.value = "";

  }

}

function displayExp(details) {

  expValue.innerHTML = null;

  for (i = 0; i < details.length; i++) {

    expValue.innerHTML += `

    <div class="expValue" id="${details[i].id}">

      <div id="expTitleName" class="exp"><p>${details[i].name}</p></div>

      <div id="expValueAmount" class="exp"><p> <span>$ </span> ${details[i].number}</p></div>

      <div id="edite\_delete">

        <p>

          <button id="${details[i].id}" onclick="editExpDetails(${details[i].id})"> <img src="image/edit.svg" width="15" alt=""  /></button>

          <button id="${details[i].id}" onclick="delExpenseDetails(${details[i].id})"><img src="image/trash.svg" width="15" alt="" /></button>

        </p>

      </div>

    </div>

  `;

  }

  calcExpenses();

  displayExpenses.style.display = "block";

}

function calcExpenses() {

  let totalExp = 0;

  for (i = 0; i < details.length; i++) {

    totalExp = details[i].number + totalExp;

  }

  expensesAmount.innerText = totalExp;

  updateBalance();

}

function updateBalance() {

  balanceAmount.innerText =

    parseInt(budgetAmount.innerText) - parseInt(expensesAmount.innerText);

}

function delExpenseDetails(id) {

  let index = details.findIndex((item) => item.id === id);

  details.splice(index, 1);

  displayExp(details);

}

function editExpDetails(id) {

  expenseForm.style.display = "none";

  budgetform.style.display = "none";

  editForm.style.display = "block";

  details.findIndex((item) => {

    if (item.id === id) {

        editExpName.value = item.name;

      editExpNumber.value = item.number;

      saveEdit.children[2].id = item.id;

      modal.style.display = "block";

    }

  });

}

function getExpValue(editExpName, editExpNumber, id) {

    edited = details.findIndex((obj) => obj.id == id);

    details[edited].name = editExpName;

    details[edited].number = parseInt(editExpNumber);

    displayExp(details);

  }

  function callBudget() {

    budgetform.style.display = "block";

    expenseForm.style.display = "none";

  }

  saveEdit.addEventListener("submit", (e) => {

    e.preventDefault();

    getExpValue(editExpName.value, editExpNumber.value, saveEdit.children[2].id);

  });

  expForm.addEventListener("submit", (e) => {

    e.preventDefault();

    addExpenses(expName.value, expNumber.value);

  });

  addForm.addEventListener("submit", (e) => {

    e.preventDefault();

    getBudgetAmount(amountInput.value);

  });