The python code to Connect with DB

|  |  |
| --- | --- |
| Date | 16/11/2022 |
| Team ID | PNT2022TMID41150 |
| Project Name | Personal Expense Tracker Application |

**const balance = document.getElementById('balance');**

**const money\_plus = document.getElementById('money-plus');**

**const money\_minus = document.getElementById('money-minus');**

**const list = document.getElementById('list');**

**const form = document.getElementById('form');**

**const text = document.getElementById('text');**

**const amount = document.getElementById('amount');**

**// const dummyTransactions = [**

**// { id: 1, text: 'Flower', amount: -20 },**

**// { id: 2, text: 'Salary', amount: 300 },**

**// { id: 3, text: 'Book', amount: -10 },**

**// { id: 4, text: 'Camera', amount: 150 }**

**// ];**

**const localStorageTransactions = JSON.parse(**

**localStorage.getItem('transactions')**

**);**

**let transactions =**

**localStorage.getItem('transactions') !== null ? localStorageTransactions : [];**

**// Add transaction**

**function addTransaction(e) {**

**e.preventDefault();**

**if (text.value.trim() === '' || amount.value.trim() === '') {**

**alert('Please add a text and amount');**

**} else {**

**const transaction = {**

**id: generateID(),**

**text: text.value,**

**amount: +amount.value**

**};**

**transactions.push(transaction);**

**addTransactionDOM(transaction);**

**updateValues();**

**updateLocalStorage();**

**text.value = '';**

**amount.value = '';**

**}**

**}**

**// Generate random ID**

**function generateID() {**

**return Math.floor(Math.random() \* 100000000);**

**}**

**// Add transactions to DOM list**

**function addTransactionDOM(transaction) {**

**// Get sign**

**const sign = transaction.amount < 0 ? '-' : '+';**

**const item = document.createElement('li');**

**// Add class based on value**

**item.classList.add(transaction.amount < 0 ? 'minus' : 'plus');**

**item.innerHTML = `**

**${transaction.text} <span>${sign}${Math.abs(**

**transaction.amount**

**)}</span> <button class="delete-btn" onclick="removeTransaction(${**

**transaction.id**

**})">x</button>**

**`;**

**list.appendChild(item);**

**}**

**// Update the balance, income and expense**

**function updateValues() {**

**const amounts = transactions.map(transaction => transaction.amount);**

**const total = amounts.reduce((acc, item) => (acc += item), 0).toFixed(2);**

**const income = amounts**

**.filter(item => item > 0)**

**.reduce((acc, item) => (acc += item), 0)**

**.toFixed(2);**

**const expense = (**

**amounts.filter(item => item < 0).reduce((acc, item) => (acc += item), 0) \***

**-1**

**).toFixed(2);**

**balance.innerText = `$${total}`;**

**money\_plus.innerText = `$${income}`;**

**money\_minus.innerText = `$${expense}`;**

**}**

**// Remove transaction by ID**

**function removeTransaction(id) {**

**transactions = transactions.filter(transaction => transaction.id !== id);**

**updateLocalStorage();**

**init();**

**}**

**// Update local storage transactions**

**function updateLocalStorage() {**

**localStorage.setItem('transactions', JSON.stringify(transactions));**

**}**

**// Init app**

**function init() {**

**list.innerHTML = '';**

**transactions.forEach(addTransactionDOM);**

**updateValues();**

**}**

**init();**

**form.addEventListener('submit', a**