Personal Expense Tracker - Documentation

# 1. Project Overview

The Personal Expense Tracker is a web-based application built using HTML, CSS, and JavaScript. It allows users to record, view, and manage their daily expenses in a simple, user-friendly interface.

# 2. Assumptions

- Each expense entry must include:  
 - Description (text)  
 - Amount (numeric)  
 - Date (date)  
- Data is temporarily stored in the browser memory; refreshing the page will clear all entries.  
- No user authentication or login functionality is included.  
- Input validation is basic: description cannot be empty, amount must be a number, date must be selected.

# 3. Design

- Single-page layout with a form at the top for adding expenses.  
- Expense table below the form shows all added entries.  
- Each row has a Delete button to remove the entry.  
- Lightweight and responsive design using simple CSS.

# 4. Sample Inputs and Outputs

Input Example:  
Description: Lunch  
Amount: 250  
Date: 2025-10-05

Output Table:

|  |  |  |  |
| --- | --- | --- | --- |
| Description | Amount | Date | Action |
| Lunch | 250 | 2025-10-05 | Delete |

Behavior:  
- Clicking Delete removes the entry from the table.  
- Adding multiple entries appends them to the table in the order added.

# 5. Future Enhancements

- Persist data using Local Storage to save expenses across sessions.  
- Add categories for expenses and enable filtering.  
- Display total expenses dynamically.  
- Include edit functionality for existing entries.