Budget Calculator User Manual

Introduction
Welcome to the Budget Calculator! This tool helps you manage your weekly income by adding various expense groups and tracking how much money you have left each week.

Getting Started
1. **Load the Page**: When you first load the page, it will be quite blank.
2. **Add Bank Group**: Click the **"+ Add Bank Group"** button to create a bank group. This group will help you manage mortgage-related expenses.
3. **Add Other Groups**: Click the **"+ Add Group"** button to create other expense groups such as utilities, groceries, entertainment, etc.

Main Features
1. **Income Input**:
   - **Available Weekly Money**: Enter your weekly income in the input field provided.

2. **Weekly Conversion Controls**:
   - **Yearly to Weekly**: Enter a yearly amount to see its weekly equivalent.
   - **Bi-weekly to Weekly**: Enter a bi-weekly amount to see its weekly equivalent.
   - **Insert**: Insert the calculated weekly amount into the last focused input field.
   - **Copy**: Copy the calculated weekly amount to the clipboard.

3. **Expense Groups**:
   - **Add Group**: Click to open a modal where you can name the group and select an emoji.
   - **Group Controls**: Each group has options to edit the name, change the color, and delete the group.
   - **Add Item**: Within each group, you can add individual expense items.

4. **Mortgage Items** (for Bank Group):
   - **Loan Amount**: Enter the principal loan amount.
   - **Interest Rate**: Enter the annual interest rate.
   - **Term Length**: Enter the term length in years and months.
   - **Cost Display**: Shows the weekly and yearly cost of the mortgage.

5. **Totals Summary**:
   - **Total Weekly Expenses**: Displays the total of all weekly expenses.

- **Total Yearly Expenses**: Displays the total of all yearly expenses.
   - **Money Left Weekly**: Shows how much of your weekly income remains after expenses.

6. **Pie Chart**:
   - **Show/Hide Chart**: Toggle the visibility of the pie chart that visualizes your expenses.

Additional Features
- **Export CSV**: Export your budget data to a CSV file.
- **Import CSV**: Import budget data from a CSV file.
- **Reset All**: Reset all data and start fresh.
- **Full Screen**: Toggle full-screen mode for a better viewing experience.

Tips
- **Drag-and-Drop**: You can reorder groups by dragging and dropping them.
- **Save Data**: Your data is automatically saved to local storage every 2 seconds.
- **Edit Items**: Click on the edit button next to an item to modify its details.

Longer version:

Budget Calculator Mini Manual

Overview

This Budget Calculator allows you to manage your income and expenses, including special mortgage items for Bank groups. The application automatically saves your data in local storage, supports CSV export/import, and provides interactive charts to visualize your expenses.

Key Features

- **Dynamic Expense Groups:**
  Create custom groups to organize your expenses. Special "Bank" groups offer mortgage-specific inputs.

- **Expense Items:**
  Add individual expense items with a weekly cost. For mortgage items, enter loan amount, interest rate, and term.

- **Data Persistence:**
  All data is saved automatically in local storage and restored on page load.

- **CSV Export/Import:**
  Easily export your budget data as a CSV file and import it back.

- **Interactive Chart:**
  A pie chart visualizes your weekly expenses by group and item.

- **Responsive UI Controls:**
  Use Insert/Copy buttons to quickly convert yearly or bi-weekly values into weekly amounts.

How to Use

1. Managing Income

- **Income Input:**
  In the "Available Weekly Money" field at the top, enter your available income. This value is used to calculate money left after expenses.

2. Handling Weekly Value Conversions

- **Yearly and Bi-Weekly Inputs:**

  - Enter a yearly or bi-weekly amount in the provided fields.

- Use the **Insert** button to convert the entered value into a weekly amount and automatically insert it into the last focused expense field.

- Use the **Copy** button to copy the converted weekly value to your clipboard.

3. Creating and Editing Expense Groups

- **Add New Group:**

  - Click the **+ Add Group** button to open a modal.

  - Enter a group name and select an emoji.

  - Click **Create Group** to add the group to your expense list.

- **Bank Group:**

  - Click the **+ Add Bank Group** button to automatically create a "Bank" group with mortgage-specific inputs.

- **Editing Groups:**

  - Click the **Edit** button on a group to change its name.

  - Click **Edit Color** to change the group's background color.

4. Adding Expense Items

- **Normal Items:**

- Within a group, click **+ Add Item** to create a new expense item.

- Edit the item name and set the weekly cost using the number input or slider.

- **Mortgage Items (Bank Groups):**

  - In a Bank group, click **+ Add Item** to add a mortgage item.

  - Enter the loan amount, interest rate, and term (years and months). A guide text is displayed to help you.

5. Data Persistence

- **Auto-Save:**
  Your data is automatically saved every 2 seconds in your browser's local storage.

- **Restoration:**
  When you reload the page, all your income, groups, and items (including mortgage item details) are restored automatically.

6. CSV Export/Import

- **Export CSV:**

  Click the 📤 **Export CSV** button to download your budget data in CSV format.

- **Import CSV:**
  Use the file input to select and import a CSV file containing previously exported data.

7. Resetting Data

- **Reset All:**

  Click the 🗑 **Reset All** button to clear all saved data. (A confirmation prompt will appear.)

8. Viewing and Interacting with the Chart

- **Toggle Chart:**

  Click the 📊 **Show Chart** button to display or hide the pie chart that visualizes your weekly expenses.

- **Chart Details:**
  Each slice in the chart represents an expense item. Hover or check the legend for details.

9. Additional Interface Controls

- **Fullscreen Mode:**
  Click the **Full Screen** button to toggle fullscreen mode for an expanded view.

- **Drag-and-Drop:**
  Reorder expense groups by dragging them within the list. Changes are saved automatically.