



EXPENSE TRACKER

Presented By : Putta Keerthana -122210701142

Jeevana P -122210701117

Maddireddy Sravani-122210601131

ABSTRACT

An Expense Tracker is a financial management tool designed to help users monitor and control their spending efficiently. It enables individuals to record, categorize, and analyze their expenses, providing insights into their financial habits. This system can be implemented as a mobile or web application, integrating features like budget setting, expense categorization, graphical analysis, and automated reminders for bill payments.

INTRODUCTION

In today's fast-paced world, managing finances effectively is essential for individuals and businesses alike. An Expense Tracker is a financial management tool that helps users monitor, record, and analyze their expenses systematically. By tracking daily income and expenditures, users can gain better insights into their spending habits and make informed financial decisions.

FEATURES

1.Add Expense:

Users can log their expenses by entering the date, category (such as food, travel, or shopping), and amount spent. A dropdown list makes it easy to select predefined categories, ensuring organized expense tracking.

2.View Expense:

Users can search and filter expenses based on categories to track where their money is going. The tracker displays a list of expenses with details like date, category, and amount for easy reference.

3.Total by Category:

This feature calculates and displays the total amount spent in each category over a selected period. Users can view a breakdown of their expenses to analyze spending patterns and adjust budgets accordingly.

4.Edit Expense:

Users can modify existing expense entries to correct mistakes or update details. The tracker allows deleting expenses if needed. A simple interface ensures seamless editing without affecting other saved expenses.

5.Settings:

Users can customize the application by changing the language. Accessibility features like zoom functionality improve user experience for better visibility.

6.Help:

A built-in guide explains how to use each feature, making the app user-friendly for all. Users can find answers to common questions and troubleshooting tips for any issues. Step-by-step tutorials enhance understanding, ensuring smooth usage of the expense tracker.

7.Exit:

A simple exit button allows users to close the application when they are done. Before exiting, the app prompts users to save any unsaved changes to prevent data loss. A confirmation message prevents accidental closures, ensuring a smooth user experience.

FUNCTIONALITY

1

Expense Entry & Management:

Users can manually add, edit, or delete income and expense transactions. Allows adding details like amount, date, category, and payment method.

2

Data Security & Backup:

Allows exporting reports in formats like CSV and Excel.

3

Enhances Readability:

Allows users to change language and size of text which enables them to read conveniently.

IMPLEMENTATION

Technologies Used:

- Language: Python
- GUI Library: Tkinter
- Data Storage: Text/CSV files

User Interface Design:

- Created a GUI using Tkinter with buttons, labels, and input fields.
- implemented language change for better user experience.

Expense Management:

- Used lists or dictionaries to store expenses in memory.
- Allowed users to edit, filter, delete, and view expenses dynamically.

File Handling for Data Persistence:

- Used CSV files to store expenses instead of a database.

Advanced GUI Features:

- Implemented zoom functionality for better visibility.
- Used language settings and icon-based navigation.
- Added icons and labels for better user navigation.

CONCLUSION

Implementing an expense tracker is a pivotal step toward achieving financial clarity and discipline. By meticulously recording and analyzing expenditures, individuals and businesses can gain enhanced financial awareness, enabling informed decision-making and effective budgeting. This practice not only aids in identifying unnecessary expenses but also fosters better planning and goal setting, ultimately leading to improved financial health and reduced stress. Embracing expense tracking is a proactive measure that empowers users to take control of their finances, paving the way for sustainable economic well-being.

The background features three vertical stripes on the left: a wide pink stripe, a medium blue stripe, and a narrow beige stripe. The right side of the image is a light beige background with two rectangular areas of small, light pink dots in the top right and bottom right corners.

THANK YOU