EXPENSE TRACKER

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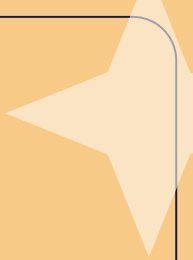
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01 Introduction

Welcome to the world of expense tracking! In this card, we will explore the benefits of using an expense tracker and how it can help you manage your finances more effectively.

Daily Expense Tracker System is designed to keep a track of Income-Expense of an organization a day-to-day basis.

This System divides the Income based on daily expenses. If exceed day's expense, system will calculate income and will provide new daily expense allowed amount.
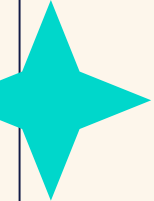
02 Purpose and Problem Statement

Also known as expense manager and money manager, an expense tracker is a software or application that helps to keep an accurate record of your money inflow and outflow.

The goal is to create a comprehensive solution that streamlines the expense tracking process, offers insightful reports, and encourages users to make informed financial decisions.

Keeping track of expenses is also useful in knowing the average amount of daily, weekly, and monthly expenses. So, if you spend more than normal, it will be easy to evaluate it. In the end, your money will be used for necessary items only and can even be allocated for saving or investment.

03 Manual Expense Tracking Methods

Pen and Paper

Traditional yet effective, jot down your expenses on paper and gain insight into your spending habits.
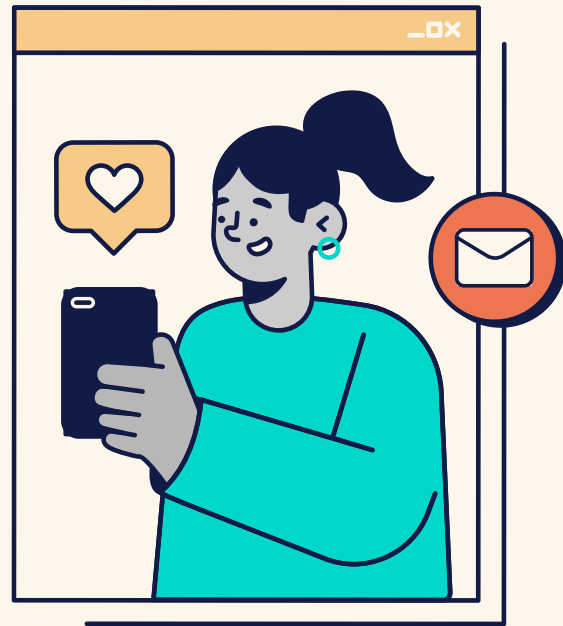
Excel Spreadsheets

Create custom expense sheets using Excel to organize and analyze your financial data.

04 Benefits of Using Expense Tracker

- **Financial Awareness and Control**
- Gain a better understanding of your expenses, helping you make informed financial decisions.

- **2.Budgeting and Goal-setting**
- Create budgets, set financial goals, and track your progress towards achieving them.

- **3.Tax Preparation**
- Simplify tax preparation by having all your expense data organized and readily available.

05 Project Overview

Application Stack:

- Frontend: HTML, CSS, JS
- Backend: MySQL Database

Key Features:

- User Authentication (Email and Password)
- Expense Entry and Categorization
- Data Storage in MySQL

06 User Authentication

Use of Email and Password for Login:

Employing a common and user-friendly credential pair for authentication, balancing security and usability.

Implementation in HTML/JS:

Utilizing HTML for structure and JavaScript for dynamic functionality, creating an interactive and responsive login interface.

Ensuring User Data Privacy:

Employing encryption and secure protocols to protect user data from unauthorized access, maintaining confidentiality and privacy.

07

Database Management System

MySQL Database Integration:

Incorporating MySQL to store and manage data efficiently in a relational database system.

Ensuring Data Integrity and Security:

Implementing measures to maintain accuracy and reliability of data, while also safeguarding against unauthorized access and tampering.

Schema Design for User and Expense Data:

Defining the structure and relationships of tables to organize user and expense information logically within the database.

Queries for Retrieving and Updating Data:

Constructing structured queries to fetch and modify data, ensuring efficient data retrieval and updates within the database.
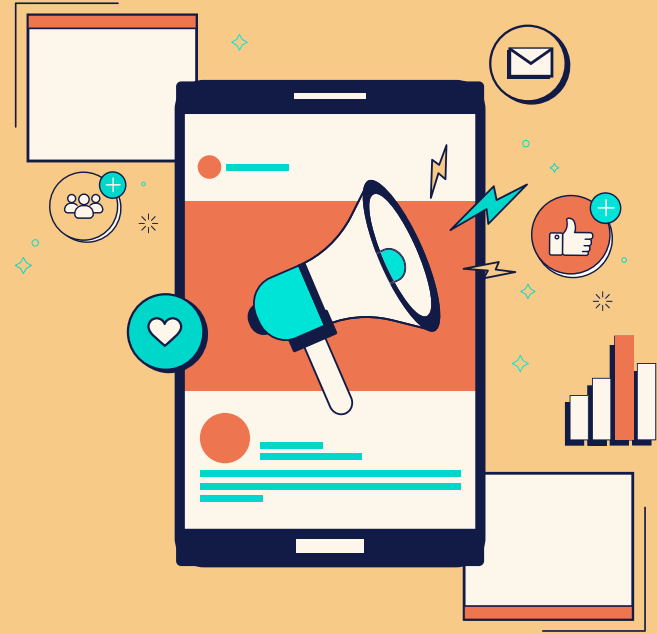
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Implementation & Demonstration

Live Demo of the Expense Tracker Application

Logging In, Adding Expenses, and Reviewing Reports

Emphasize User Experience and Simplicity

09 Challenges Faced and Lessons Learned

Overcoming challenges in frontend during coding in HTML , CSS and JS.

Overcoming challenges in frontend during making forms for login and registering.

Learned in backend for coding in PHP pages.

Learned in backend for connecting database.

10

Future Enhancements and Conclusion

Mobile Application Integration

01

02 **Additional Features (E.g., Budgeting)**

User Feedback and Development

03

04 **Fast Working**

Iterative graphics

05

Thank You & Q&A

"Expense tracking: where financial mindfulness meets practical empowerment."