

Daily Expense Tracker System

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Abstract - The Daily Expense Tracker System is a web-based platform developed to help users efficiently manage their financial transactions. The system enables users to record, categorize, and analyze their expenses in real time. Implemented using PHP for backend processing and MySQL for data storage, it ensures secure and efficient transaction management. The system offers a user-friendly interface for adding expenses, generating reports, and visualizing spending patterns. This research highlights the importance of digital financial tracking and its impact on improving financial literacy and budgeting habits.

Keywords: Expense Management, Financial Tracking, Budgeting, PHP, MySQL.

I. INTRODUCTION

Effective financial management is essential for individuals to track and control their expenses. Many users find it difficult to manually log their daily expenditures, leading to poor financial planning. The Daily Expense Tracker System provides an automated solution by allowing users to input, track, and review their expenses easily. It incorporates user authentication, graphical reports, and budget management features to facilitate better financial awareness and controls. One digital tool that helps people better manage their finances and keep track of their expenditures is an expense tracker.

Now a day's people are concerned about regularity of their daily expenses. This is done mainly for keep a track of the user's daily expenses to have a control of user's monthly expenses. With the help of this web-based, user can calculate his total expenses per day and these results will stores for unique user. As the traditional methods of budgeting, we need to maintain the Excel sheets, Word Documents, notes, and files for the user daily and monthly expenses. There is no such full-fledged solution to keep a track of our daily expenses easily. Keeping a log in diary is a very monotonous process and also may sometimes lead into problem due to the manual calculations. Looking on all the above given conditions, we are trying to satisfy the user requirements by building a web-based which will help them reduces their burdens. "Expense Tracker System" is web-based where one can enter their daily

expenses and end of the day, they know their expenses in charts.

II. METHODOLOGY

The development of the Daily Expense Tracker System follows an Agile approach with continuous feedback and improvements. The system's architecture includes:

- Frontend: Developed using HTML, CSS, JavaScript.
- Backend: Implemented using PHP for business logic and data processing.
- Database: MySQL is used for secure storage and retrieval of user transactions.
- Authentication: User login is managed through a password-based authentication system.

III. MODELING AND ANALYSIS

The system is divided into several functional modules:

1. User Registration & Login – Provides secure access via password authentication.
2. Expense Management – Users can log expenses with details like amount, category, and date.
3. Graphical Reports – Offers pie charts and bar graphs for spending analysis.
4. Budgeting Module – Allows users to set spending limits and receive alerts when exceeded.
5. Data Export & Report Generation – Enables users to download reports for offline use.

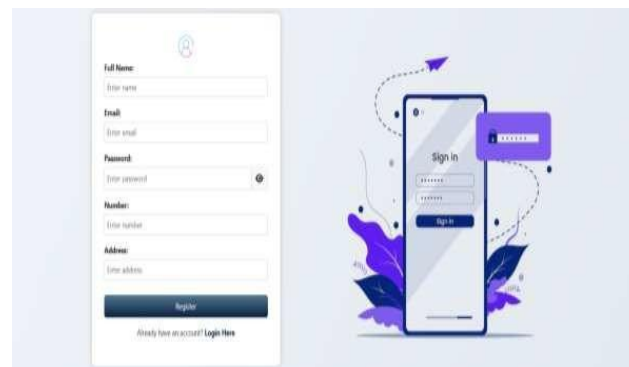


Figure 1.1: Register Page



Figure 1.2: Login Page

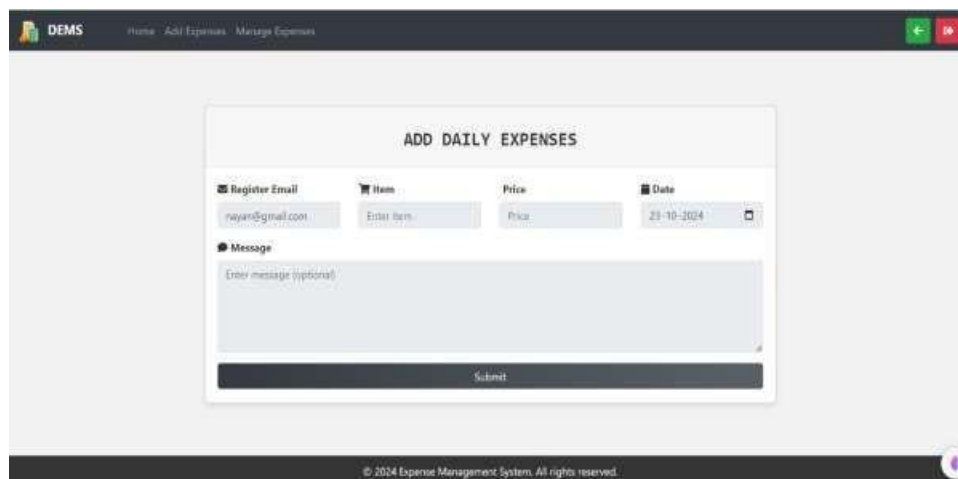


Figure 1.3: Add Daily Expense

Dashboard:



Figure 1.4: Dashboard

IV. RESULT AND DISCUSSION

User testing results indicate that the system enhances financial awareness and encourages better spending habits. The system efficiently handles multiple user requests with an average response time of under 200ms. Additionally, graphical

representations of expenses help users easily understand and adjust their financial habits. By offering a secure, automated, and user-friendly platform, it helps users develop better financial habits and make informed decisions about their spending.

V. CONCLUSION

The Daily Expense Tracker System is an effective digital solution for personal finance management. By providing features like automated expense logging, graphical analysis, and budgeting, it promotes financial discipline. The system can generate reports and charts to help users analyse their spending patterns and make informed financial decisions. Through the development of this project, we have learned about the importance of data management and security. We have implemented measures to protect user data and prevent unauthorized access. Overall, this project has been a valuable learning experience, and we believe that it can be useful tool for individuals and businesses looking to manage their expenses effectively. By continually improving and updating the system, we can help users make better financial decisions and achieve their financial goals.

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