

Daily Expense Tracker

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ABSTRACT

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Daily Expense tracker is based on income and expense tracking system. This project offers some opportunities that will help user to sustain all financial activities like automated dairy. The main aim of the project is to create a faster, easier and smooth system between the expense and the income. So, for the better expense tracking we built Expense Tracker is very simple and attractive, Which makes it easy for the user to understand and use it. A daily expense tracker is best way to record your financial data. Most of the people cannot track their money. They find it difficult to save their money. On one way of thinking they face money crisis, in such case Daily Expense Tracker can help people to track their income and expense. Daily Expense Tracker also helps the user to avoid a fumble of their money. It helps the unnecessary expenses and bad financial situation. This project will save time and lead a healthy financial lifestyle.

Keywords – Expenses, income, money management, financial crisis, tracker.

I. INTRODUCTION

Almost all of us have a fixed income source like salary or pocket money and we get it on time. Also everyone has a strict budget of their expenses.

Some of the expenses are non-negligible like educational expenses, health regarding expenses etc. Generally the expenses vary according to the categories like food, sports, entertainment, transport, clothing, etc. However the expenses are limited to our income. That's why it is necessary to track all our money to avoid financial blunders.

In late 90s people use to calculate their expenses Theoretically which led to time waste and was boring and hectic. Now a day's availability of electronic gadgets like computer laptop on a large scale has made it easy for the people to track expenses. To avoid the challenges in manually working we made a system that is fully automatic and reduces human efforts and saves time and calculations are also perfect. An expense tracker is a kind of digital diary that helps the user to keep an eye on the daily financial activities and money related activities and get a daily, monthly report.

User gets detailed view of their income and expenses.

II. Background

A literature survey on related topic takes us to a conclusion that earlier tracking used to be performed manually. These things were performed in old school way more like in a notebook or copybook by writing with hands in simple words. Calculations of large and complex numbers was not accurate all the time. Calculation errors were occurring frequently. So they faced certain problems at that time:

No accurate Data.

A single mistake in manual calculation leads to a big problem.

It is insufficient.

It is time consuming and boring. It can be easily stolen or lost.

Information is not safe there as anyone can see it.

III. Modules

a) Welcome module: This module is a beginning page of this application.

b) Main window module: This module is answerable for input the information and store in the data set.

c) Add sum: This module is mindful to empower the client to add sum in the data set.

d) Delete cost: This module is answerable for erasing the past 20 days costs.

e) View Expense: This module is liable for review every one of the costs exhaustively added to the log by the client prior.

f) Add Module: This module is answerable for altering the pre-characterized class.

g) Categories module: This module is answerable for different choices.

IV. System Features

- Track Income and Expenses.
- View expenses list.

- Run Reports.
- User friendly.
- Secured Access
- Delete income and expenses
- Add text

V. Comparative study

Calculating daily expenses is not so innovative. Decades ago and today we write our expenses in notebooks and registers and calculate profit or savings. Many technical and traditional approaches have been made to track expenses and see functionalities. Long with this this many functions applications and software have been made for this purpose earlier. Microsoft money and Quicken were the first applications made for expense tracking, but they were little known to the consumers. The up-to-the date applications are embedded with Penny AI and YNAB and applicable for importing report, however mint is widely used and trusted.

The Dollar build app and Personal capital are visualized to spending on maps and graphical designs with a calendar system. By explaining the latest apps in this category, YNAB is the mostly popular app used according the globe which is connected to Debit card/credit card connected to the bank account and which tracks your expenses directly. It can also define future costs. This application is not able to provide any detailed information of external costs.

VI. Proposed Methodology

The proposed system should provide different categories to the user to select from and they can enter text (for what they used the money) and enter amount. Then if you have gained some money you can add Text (from where did you get the money) and Then enter amount so the money gets added in your total balance. All the operations of adding income and subtracting expenses are performed in the proposed

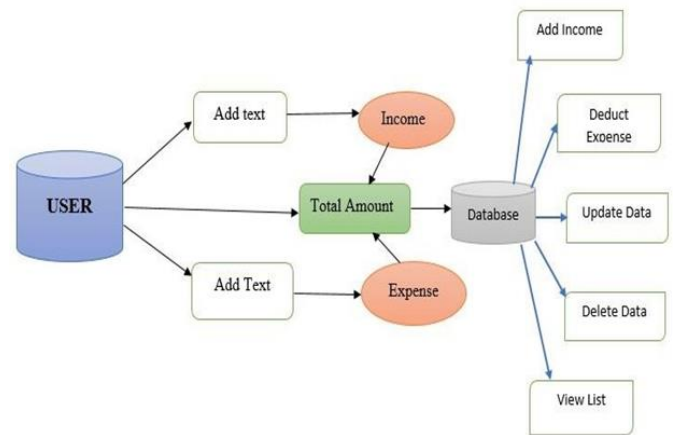
system. The following project gives accurate data in few seconds which helps to save time of the user. The user has a full detailed view of the whole list of his expense and income, which helps the user to understand his expenses. The user can perform daily, weekly, monthly expenses and income operations on user's convenience. At the end user can see the remaining amount in the "total balance" section. This helps the user to crosscheck the amount he has and the amount appearing in the total balance section is same or not. This project is user friendly and very easy to use so people with less knowledge of reading and writing can use it for free. This project also has features to update Data and delete data. If the user has entered wrong data he doesn't need to delete entire list only the particular entry is deleted. All the amount are entered and showed in Dollar Currency (\$). This is also helpful for international users. The (+) sign is used to add income which appears in green color whereas (-) is used to enter expenses which appears in red color.

VII. Implementation

Understanding our spending habit is a challenging work unless we keep the proper record of each and every transaction we perform. Daily Expense Tracker (DET) is a way to analyse our spending habit on certain time interval.

ET is the easiest and most user friendly personal finance Android application. The system attempts to free the user with as much as possible the burden of manual calculation and to keep the track of the expenditure. Instead of keeping a dairy or a log of the expenses on the smartphones or laptops, this system enables the user to not just keep the track on the expenses but also to plan ahead keeping the past budget in mind. The simple fact is, by tracking our expenses we will be able to stick to a budget and therefore save money.

System architecture diagram



VIII. Conclusion

The Daily Expense Tracker has overcome most of the limitations which occurred during the old times regarding expense or budget management. The project successfully avoids manual calculation which results in less human effort, saves time and number of calculation mistakes occurring is not less but zero. The modules we developed are also efficient, attractive and easy to understand and easy to use.

IX. Future scope

The Future Enhancements of the application can be allowed to help in all the approaching android nuances in the application whether or not the Structures. History can be set to see all of the particular data is eradicated from the informational collection. Estimations could be set up taking into account the Pay, Cost nuances of the client. Sharing records by method for Bluetooth, WhatsApp can be allowed. Printing the nuances of the particular compensation or cost nuances can be made. A piece of the extra parts resemble engaging clients to enlist to the application using existing email or casual local area account, it will synchronize the clients profile data to the application. In further days, there will be sends and pay mode embedded with the application. Furthermore, support nuances will be recorded on informational index.

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