

ASSIGNMENT

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Daily Expenxe Tracker System

Abstract

Daily Expense Tracker System is designed to keep a track of Income-Expense of a Housewife on a day-to-day basis. This System divides the Income based on daily expenses. If you exceed day's expense, system will cut it from your income and will provide new daily expense allowed amount. If that day's expense is less, system will add it in savings.

As the name itself suggests, this project is an attempt to manage our daily expenses in a more efficient and manageable way. 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 tab on the expenses but also to plan ahead keeping the past budget in mind. With the help of this system, user adds, delete, change the current entered bill entry efficiently and also can attach the bill image (optional) for his/her own reminder.

Existing System

At the instant, there is no as such complete solution present easily or we should say free of cost which enables a person to keep a track of its daily expenditure easily. To do so a person has to keep a log in a diary or in a computer, also all the calculations needs to be done by the user which may sometimes results in errors leading to losses. Due to lack of a complete tracking system, there is a constant overload to rely on the daily entry of the expenditure and total estimation till the end of the month.

Disadvantages of Existing System

- Time required.
- Gaming the system.
- Blame for outcomes.
- Expense allocations.
- Spend it or lose it..
- Strategic rigidity.

Proposed Daily expense tracker system

This system will include a website application that will allow users to maintain a digital automated diary. Each user will be required to register on the website; at registration time, the user will be provided will a key id, which will be used to maintain the record of each unique

user.

After logging into the system, a user can add the bills with an option to attach the image of the bill or not. The option to attach a bill helps the user to remember when and where the payment was made. The user can also add the information about how the payment was made i.e. via check, card or cash. The system also allows entering the check details. As soon as the entry is made about the expense, the database is updated and according to the nature of the bill deduction or addition to the total balance in the user's pocket is made.

In order to make the user aware about the average rate of the expenses, an alluring graphical statistics are also provided. In addition to the daily tracking of the expenditure, it is also beneficial to have a quick access to the past record of the expense habit; keeping in mind there is also an option of monthly budget to provide a quick glance of the past spending. There is also an option to view owe and lend expenses which adds or gets deducted from the overall budget according without bothering the user.

Advantages of Proposed system

- The data is very important asset for corporation, so strong authentication method
- This system helps house wives to reduce their expenses.
- Easy to be customized in future, as the client demand some other additional features.
- The complexity of customer's company may be different or if mode of business changes then the system has capability to make appropriate modification to suite that change.
- Customization is key factor of designing this software.
- Accuracy of all type of calculations are important and to be achieved at any cost.
- The data retrieval and other manipulation related task which is done at the database level is fast enough.
- Storage of data is easily accessible.