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EXPENDITURE MANAGEMENT SYSTEM

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Abstract:

Expense Tracker is an everyday expense control application designed to track effortlessly and efficiently each day costs. This helps us to get rid of the need of paper responsibilities that systematically maintains information. This device can be utilized by any individual to govern their income expenditure from each day to annual basis and to hold an eye on their spending, Including the person to whom the payments were made and the purpose for the payment. On a weekly, monthly, and yearly basis, details of expenses will be displayed in the form of a pie chart. It aids us in remembering and adding information about what money we receive from others and what costs or payments we must make on a given date or month. We have categories in the expense tracker such as add expense, monthly expenses, add new expense, and so on. It gives the daily remainder about the savings we need to do.

keywords— User Account Registration, Add Income, Add Expense, Exporting Income, Daily Reminders, Budget Analysis, View Expenses, Delete a record.

I. INTRODUCTION

Expense tracker is a web application used to track user expenses and generates periodical reports about the savings and expenditure. In this project, we propose an application known as "Expense Tracker," which is helpful to manage our income and expense daily or periodically or else whenever we want to remind. It also acts as an indicator or reminder example in the fastest world in which we cannot remember what the things we have to do for the end of the month are and the payments we have to pay for the particular month. Due to some conflict or other stress, we sometimes forget what the income is, where the money has to come from, or the payments we have to pay.

This app will assist you in keeping track of what you need to do at the end of the month. For instance, what are the monthly expenses, and how much do they cost? Food expenses, phone, power, taxation, and other personal charges are some of the expense features.

If we are a businessman with a multi-business, we do not know from which part of the business income has come and how much income has come for us, but with the help of this application, we can divide and store all of the income and set a reminder for a specific date to remain so that we can manage and finalize the income for us.

II.PROBLEM STATEMENT

The expense tracker is an android app which runs on all android platforms. It helps user to manage all their expenses in an efficient way and track budget. This would avoid

budget handling difficulties and gives us efficient results on our savings.

In everyone's life, money plays an important role. A person who cannot manage his expenses cannot successfully lead a household and fulfill his goals. In the current world where mobile phones and laptops have become a part of living, such an app would be handy to deal with all our expenses. A person generally cannot keep track of all his expenses through the traditional pen and paper method and might miss a few of his small expenditures and may even miss some bills. Such a situation will never arise when we use an app. We can make easy comparisons by seeing the graphs, which is impossible in the rigorous methods.

III. LITERATURE SURVEY

1] thanapal proposed an expense tracker to prevent having to calculate income and expenses, as well as to remind someone to keep their expenses in track and also to add some details on how much money comes from other people and what expenses or payments the user have to make on a given date or month, User have categories in the expenditure tracker such as add expense, monthly expenses, add new expense, see categories of spending, export expenses in a date range, remove export files, and view expenses by category.

2] chandini proposed an expense tracker that will maintain all the expenses record of users and manage them efficiently. The user can choose an expense category and provide additional information such as a photo, a location, and the amount of the expense, among other things. This will save the information to the local database. The user can examine and sort expenses on a weekly, monthly, or annual basis. By utilising this, they reduced the quantity of manual calculations for their expenses and maintain track of their spending. The user can enter his income to compute his

total daily expenses, and the data will be saved for each individual user. This tracker could be useful for people who frequently go on trips or to the theatre with their buddies. This tracker will make it easier for them to disburse the bill. This will show the graph in the chosen view.

3] Karim proposed an expense tracker to create a a system for recording expenses and income that is simple, quick, and easy to use. This project also includes features that will assist the user in maintaining all financial operations, such as a digital automatic diary. So, in order to create a better expense tracking system, they created a project that will greatly benefit the users. Most people are unable to track their expenses and income, resulting in financial difficulties. In this scenario, a daily cost tracker can assist people in tracking their income and expenses on a daily basis, allowing them to live a stress-free life.

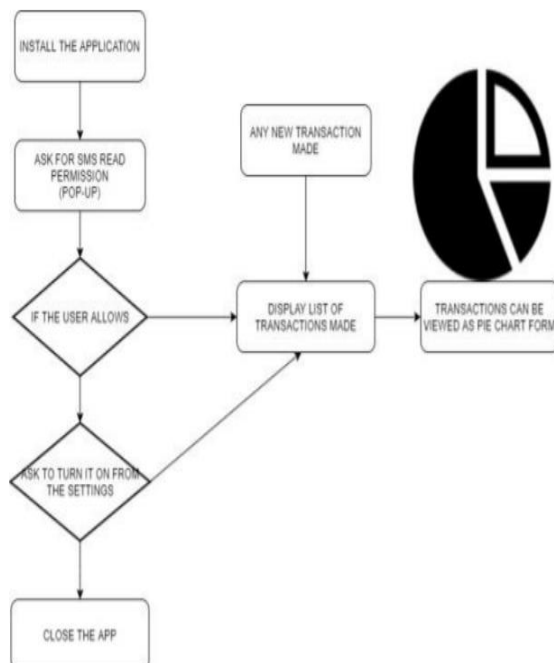
IV. PROPOSED METHOD

In proposed system user has more number of added features to the existing features like

- Weekly Budget Planner
- Automated message Alert
- UPI linkup
- Weekly and Monthly Analysis
- App Authentication
- Wish list
- Rewards

Weekly Budget Planner to track their expenses. Automated message Alert is generated when they cross their budget. UPI linkup to track their online transactions. Weekly and Monthly Analysis are generated in the form of pie chart. App Authentication for security of the user. Income, Expenses, and Wish List are the three data entry choices available to the user.

V. ARCHITECTURE



VI. SCOPE OF THE PROJECT

The objective of this app is to act as a remainder to help user track their budget. Through this online application students, small business will be benefited the most in today's fast-paced environment. Many people today are looking for efficient ways to track their expenses because we live in a hurry-up and get-it-done culture. Some research on household budgets has been conducted in recent years which says Budget tracking is challenging in most circumstances since budget management is done verbally rather than on paper..

It will contain a variety of record-keeping choices (for example, food, travel fuel, salary, and so on).

It will continue to deliver notifications on its own to cover our daily expenses.

We are in a great hurry to make money in today's hectic and expensive world, but we broke off at the end of the month as we spend money on titles and things we do not need. As a result, we have devised a strategy for pursuing our profit.

The app allows us to clearly understand our expenses to keep track of our earnings and better plan for the next coming month

VII. CONCLUSION

Daily spending tracking can not only help you save money, but it can also help you set financial objectives for the future. If you know exactly where your money goes each month, you can quickly see where you can make some savings and compromises. We have designed a project that is more efficient than other income and expense trackers. The project succeeds in avoiding manual calculations for estimating monthly revenue and expenses. The modules have been designed to be both efficient and appealing.

VIII. REFERENCES

- [1] Dr.C K Gomathy, Article: A Study on the recent Advancements in Online Surveying , International Journal of Emerging technologies and Innovative Research (JETIR) Volume 5 | Issue 11 | ISSN : 2349-5162, P.No:327-331, Nov-2018
- [2] C.K.Gomathy.(2010),"Cloud Computing: Business Management for Effective Service Oriented Architecture" International Journal of Power Control Signal and Computation (IJCSC), Volume 1, Issue IV, Oct - Dec 2010, P.No:22-27, ISSN: 0976-268X .
- [3] Dr.C.K.Gomathy,C K Hemalatha, Article: A Study On Employee Safety And Health Management International Research Journal

- Of Engineering And Technology (Irjet)-
Volume: 08 Issue: 04 | Apr 2021
- [4] Dr.C K Gomathy, Article: A Study on the Effect of Digital Literacy and information Management, IAETSD Journal For Advanced Research In Applied Sciences, Volume 7 Issue 3, P.No-51-57, ISSN NO: 2279-543X,Mar/2018
- [5] Dr.C K Gomathy, Article: An Effective Innovation Technology In Enhancing Teaching And Learning Of Knowledge Using Ict Methods, International Journal Of Contemporary Research In Computer Science And Technology (Ijcrct) E-Issn: 2395-5325 Volume3, Issue 4,P.No-10-13, April '2017
- [6] Dr.C K Gomathy, Article: Supply chain-Impact of importance and Technology in Software Release Management, International Journal of Scientific Research in Computer Science Engineering and Information Technology (IJSRCSEIT) Volume 3 | Issue 6 | ISSN : 2456-3307, P.No:1-4, July-2018.
- [7] C. K. Gomathy and S. Rajalakshmi, "A software quality metric performance of professional management in service oriented architecture," Second International Conference on Current Trends In Engineering and Technology - ICCTET 2014, 2014, pp. 41-47, doi: 10.1109/ICCTET.2014.6966260
- [8] C K Gomathy and V Geetha. Article: A Real Time Analysis of Service based using Mobile Phone Controlled Vehicle using DTMF for Accident Prevention. International Journal of Computer Applications 138(2):11-13, March 2016. Published by Foundation of Computer Science (FCS), NY, USA,ISSN No: 0975-8887
- [9] C K Gomathy and V Geetha. Article: Evaluation on Ethernet based Passive Optical Network Service Enhancement through Splitting of Architecture. International Journal of Computer Applications 138(2):14-17, March 2016. Published by Foundation of Computer Science (FCS), NY, USA, ISSN No: 0975-8887.
- [10] "A STUDY ON THE RECENT ADVANCEMENTS IN ONLINE SURVEYING", International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.5, Issue 11, page no.327-331, November-2018, Available :<http://www.jetir.org/papers/JETIR1811850.pdf>