

PERSONAL EXPENSE TRACKER APPLICATION LITERATURE SURVEY

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1.1 Title : Online Income and Expense Tracker

Authors: S. Chandini, T. Poojitha, D. Ranjith, V.J. Mohammed Akram, M.S. Vani, V. Rajyalakshmi

Chandini, S., Poojitha, T., Ranjith, D., Akram, V. M., Vani, M. S., & Rajyalakshmi, V. (2019). Online Income and Expense Tracker. International Research Journal of Engineering and Technology (IRJET), 6(3), 2395-0056.

Income and Expense Tracker will maintain data of daily, weekly, monthly, yearly expenses, Manages user's expenses and earnings in a simple and intuitive way. User can select category of expense, enter other information like user can capture photo, add location, select amount of expense etc. And this will save to the local database. User can view and sort expense as per weekly, monthly, yearly. By using this, the system can reduce the manual calculations for their expenses and keep the track of the expenditure. In this, user can provide his income to calculate his total expenses per day and these results will stored for unique user. People when usually go for trips or movies with friends they can use this traker to maintain their expense. It will be easy for them to share the bill in this tracker.This will display graph as per selected view. And user can enter his monthly income or limit of monthly Expense in this tracker. This tracker system provides an integrated set of features to help user to manage the expenses and cash flow.

But this project will not have any reminder to remain a person in a specific date, so that is the only drawback in which the remainder is not present.This project will be an unpopulated data because it has some disadvantages by not alerting a person for each and every month. But it can used to perform calculation on income and expenses to overcome this problem we propose the new project.

1.2 Title : Income and expense tracker

Authors: Thanapal, Patel, Raj & Kumar.

Thanapal, P., Patel, M. Y., Raj, T. L., & Kumar, J. S. (2019). Income and expense tracker. *Indian Journal of Science and Technology*, 8(S2), 118-122.

Income and Expense Tracker which is helpful to manage out income and expense as an daily or periodically or else whenever want to remind. It also act as an indicator or reminder example in the fastest world which can't able to remember what are the things people have to do for the end of month and what are the payments have to pay for the particular month. Due to some conflict or some other stress people forget some times that what are the income or where the money has to come from or what the payments have to pay. This application will help you to make a note for what or the things user have to do for the end of month. For example, like how much it expenses for monthly and what are the expenses for a month. Some of the expense features like food expenses billing expenses like phone, electricity, taxation and some other personal expenses.

In income features if user is a businessman having some multi business, doesn't know from which part income has come and how much income it has come, but with the help of this application the user can divide and store all the income and can set a reminder for specific date to remain so that they can manage and finalize the income for each month. In this fast moving world this application will be very useful for a people who was a family and especially for a business people.

1.3 Title : Expense Tracker : A Smart Approach to Track Everyday Expense

Authors: Hrithik Gupta, Anant Prakash Singh, Navneet Kumar and J. Angelin Blessy

Gupta, H., Singh, A. P., Kumar, N., & Blessy, J. A. (2020). Expense Tracker: A Smart Approach to Track Everyday Expense (No. 4809). EasyChair.

Expense Tracker is a day-to-day expense management system designed to easily and efficiently track the daily expenses of unpaid and unpaid staff through a computerized system that eliminates the need for manual paper tasks that systematically maintains records and easily accesses data stored by the user. Expense Tracker app is usable by anyone who are willing to manage their expenses and aiming to save for the future investments. This app has no range criteria or any kind of profession or gender are focused so it will used hugely by any other person.

This system is developed to work without internet and design the window application in such a way that the user does not have to bother using this application without much effort. End users with window running devices can use this software. If the users are a window user then can download the application and work accordingly. This system is used by any person to control their income expenditure from daily to annual basics and to keep an eye on their spending. This system can be used in mutli-language. The main feature of this system is to track by day and category.

1.4 Title : Expense Manager Application

Authors: Velmurugan A, Albert Mayan J , Niranjana P and Richard Franci

Velmurugan, A., Mayan, J. A., Niranjana, P., & Francis, R. (2020, December). Expense manager application. In *Journal of Physics: Conference Series* (Vol. 1712, No. 1, p. 012039). IOP Publishing.

This system is very helpful to the smartphone users and make their life easy. The expense manager application is one among those applications, which provides a variety of help in daily life. As there are many similar applications available trying to solve the same problem but are not effective, here are some added innovative features to make the application unique, easy to use and efficient, this is what makes the application stand out from the rest of others. Other than adding unique features like integrating group expenses and personal expenses into one single application, also add features like trends and estimations. This system also includes syncing of applications with personal email IDs or social network account which help also help to serve better recommendations and personalised marketing campaigns.

The main features of this system are keep track of all daily transactions, keep track of money lent or borrowed, Suggest the user with the best investment options, offers in popular categories, helps to view stock market and also helps to read latest authenticated financial news. The application delivered efficiently in calculating split expenses and recording the expenses together accurately with date and time.

1.5 Title : Daily Expense Tracker

Authors: Tamia Ruvimbo Masendu & Aanajey Mani Tripath

Masendu, T. R., & Tripath, A. M. (2021). Daily Expense Tracker. *International Journal of Research in Engineering, Science and Management*, 5(5), 90-92.

Daily Expense Tracker is a small rule in imitation of successfully bossing one's costs easily. It is raised in imitation of superintending the daily expenses in an extra efficient and manageable way. By using the software, decrease the guide calculations regarding-by-day by fees care of period these effects desire stay stored because of each user. Daily Expense Trackers lets in the person in accordance with hold a computerized diary. It is an application as users do accomplish between their computers. It is capable after begetting one's fees yet deliverance document so care of duration up to expectation be able to keep selected. Daily Expense Tracker is chronic by someone character in imitation of rule one's income-expenditure of daily groundwork upon after the end regarding the month longevity. The essential function that utility is so much can tune costs by looking out the date, month, or year.

Daily Expense Tracker helps in figuring out fraud, with India mildly moving according to digital charge such is vital you maintain close tune regarding your savings visiting card statements, financial institution debts yet spend. Otherwise, execute read exhaust according to monetary fraud and no longer even realize it. This challenge also offers half possibilities that choice help the person by maintaining all pecuniary things to do kind of digital computerized diary. This software is entirely effortless in imitation usage and that have multi-language features. The important characteristic about this application is that amount that perform than expense by means of citing date, month yet year. It utilizes according to preserve than expenses then additionally enhance your savings.

1.6 Title : Expense Tracker

Authors: Nidhi Jitendra Jadhav, Rutuja Vijay Chakor, Trupti Mahesh Gunjal, Damayanti. D. Pawar

Jadhav, N. J., Chakor, R. V., Gunjal, T. M., & Pawar, D. D. (2021) EXPENSE TRACKER.

This system is for keeping track of earnings. Expense Tracker is a tool that can assist anyone in keeping track of their expenses and reducing their spending. Expense Tracker where users may download to their phones and use to track and update their daily costs so they are always aware of how much they are spending. The user can establish their own spending categories, such as food, clothing, rent, and bills, and then enter the amount spent as well as any notes. Include more information in the additional information area to specify the expense. A pie chart of costs will be available to the user.

Every Day Expense Tracker System is a software programme that keeps track of a user's daily income and expenses. Overall, this is a smart automated solution for tracking expense. This system should be capable of analysing data provide information on the categories the user spent the most money in. The suggested system should have a user interface that allows users to save and track their previous expenses. Track money which is developed with a concept in mind to help users to easily manage all their income and expenses and keep track of all credits and debits of transaction according to different categories, also users can have a pictorial representation of all the transactions of different categories and can also download excel reports of transaction. Also receives customised tips in the form of push notifications which helps users to manage expenses.

1.7 Title : Voice Operated Real Time Expense Tracker

Authors: Shobhit Sharma and Parth Verma

Sharma, S., & Verma, P. (2021). VOICE OPERATED REAL TIME EXPENSE TRACKER.

The Real-time voice operated expense and transaction tracking application is a application that acts as a wallet to the people and tracks all the transaction and expenses that a person is doing in their daily life. This application is a voice command activated application that contributes in providing user interactive UI allowing the people to easily add and remove the money as per the required date. This is a totally automatic website that works on voice command.

A user using the application can see a wide range of features in respective categories. This application each user a satisfaction for the login and safety of each and every particular user also its very user friendly and user oriented application. Many users in their daily life try to save money in order to save money and use that for further use. Therefore in order to simplify their work and help them to save money and track their expense this application is the best practice to work with. With the rapid development of cost and expense, it will try to save money so if user is not able to track the expense or find difficulty in having the record then user can use the application for their personal use and save as much they want because this will help one to have daily expense record. Money wastage irritates every person while doing purchase. So, in expense tracking app there will be no case of wastage of money.

1.8 Title : Budget Tracker Highly Customizable Budgeting
Authors: Hezretov, Malikberdi

Hezretov, M. (2021). *Budget Tracker Highly Customizable*.

Nowadays there are a wide range of spreadsheets and projects that are intended to make your financial planning that are meant to make a lot easier and more proficient. This system overcomes by addressing the complexity of tracking income and expenses by introducing budget tracking application developed for high performance. The result indicated the need of solution to ease the task. Budget tracking native mobile application with interactive user interface and with handy features would be one of the ideal solutions for the current problem. User centered applications require user feedback by delivering prototype version to the real users.

This application is known for its performance, reliability and user friendliness. This system's solution will make positive impact on people's day to day life by making use of the budget tracking application's promising features. The drawback is further research may be needed in order to identify other factors that could strengthen the effectiveness as features are sometimes inactive.