

# V.S.B. Engineering College, Karur

(Approved by AICTE, New Delhi, Affiliated to Anna University)

## IBM NALAIYA THIRAN LITERATURE SURVEY

### Department of Electronics & Communication Engineering

**Domain Name** : Cloud Application Development  
**Project Name** : Personal Expense Tracker Application  
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### Abstract:

These days, with a fast-paced of lifestyle, people tend to overlook their budget planning. Some would spend more than necessary and some might be under-budgeted to buy their necessities because they have spent too much on other stuff. Making sure having a concrete budget planning is crucial so that people would not face any financial issues in the future. The Expenses Tracker System is developed to keep track of users' spending and make a prediction for their budget monthly. The system should be able to generate reports of their spending and notify users if they have exceeded their budget. The system is designed to be dynamic as it used least square method to produce the prediction. The system also provides users' personal information, their income as well as their expenses. Expenses Tracker System will be an approach for people to control their spending better in more efficient ways.

## **Introduction:**

Now a day's people are concerned about regularity of their daily expenses. This is done mainly for keep a track of the users' daily expenses to have a control of users' monthly expenses. We have developed an android application named as 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. Keeping a log in diary is a very monotonous process and also may sometimes lead into problems due to the manual calculations. Looking on all the above given conditions, we are trying to satisfy the user requirements by building a mobile application which will help them reduces their burdens. With the help of this application, user can calculate his total expenses per day and these results will stored for unique user. "Expense Tracker Application" is an application where one can enter their daily expenses and end of the day, they know their expenses in charts.

## **Litrature Survey:**

[**Author 1**]-The web application "Expense Tracker" is developed to manage the daily expenses in a more efficient and manageable way. By using this application we can reduce the manual calculations of the daily expenses and keep track of the expenditure. In this application, user can provide his income to calculate his total expenses per day and these results will be stored for each user. The application has the provision to predict the income and expense for the manager using data mining. In this application, there are 3 logins such as admin, manager and staff. Admin has the privilege to add, edit, delete manager, add, edit, delete staff, and to get all custom reports. For Manager, the privileges are to add type of expense, verify expense, add type of income, verify income and generate reports. For staff, the privileges are to add and edit expense, income and calculations, and send for verifications.

[**Author 2**]- Expense tracker is an android based application. This application allows the user to maintain a computerized diary. Expense tracker application which will keep a track of Expenses of a user on a dayto-day basis. This application keeps a record of your expenses and also will give you a category wise distribution of your expenses. With the help of this application user can track their daily/weekly/monthly expenses. This application will also have a feature which will help you stay on budget because you know your expenses. Expense tracker application will generate report at the end of month to show Expense via a graphical representation. We also have added a special

feature which will distributes your expenses in different categories suitable for the user. An expense history will also be provided in application.

**[Author 3]-** This project is based on expense and income tracking system. This project aims to create an easy, faster and smooth tracking system between the expense and the income. This project also offers some opportunities that will help the user to sustain all financial activities like digital automated diary. So, for the better expense tracking system, we developed our project that will help the users a lot. Most of the people cannot track their expense and income one way they face in money crisis, in this case daily expense tracker can help the people to tracking income-expense day to day and making life tension free. Money is the most valuable portion of our daily life and without money we will not last one day in the earth. So uses the daily expense tracker application is important to load happy family. Daily expense tracker helps the user to avoid unexpected expenses and bad financial situation. This Project will save time and provide a responsible lifestyle. This system is made and supervised by the experts and satisfying by the user. XML, JAVA, SQLite database, Android Studio are used to develop the system. The system is tested by over 5 users, and 80% of them found the system useful.

**[Author 4]-** Modern life offers a plethora of options of services and goods for consumers. As a result, people's expenses have gone up dramatically, e.g., compared to a decade ago, and the cost of living has been increasing day by day. Thus it becomes essential to keep a check on expenses in order to live a good life with a proper budget set up. The iPhone device, designed and marketed by Apple Inc., is one of the top-selling smartphones in the USA, and with the launch of the new iPhone5 on September 21, 2012, whose sales have already surpassed the previous iPhone handsets (iPhone 4S, iPhone4) sales, it is apparent that people have been using smartphones as an organizational tool. XpensTrak, the Expense Tracker Mobile Application was developed for iPhone users to keep track of their expenses and determine whether they are spending as per their set budget. Potential users need to input the required data such as the expense amount, merchant, category, and date when the expense was made. Optional data such as sub-category and extra notes about the expense can be entered as well. The application allows users to track their expenses daily, weekly, monthly, and yearly in terms of summary, bar graphs, and pie-charts. This mobile application is a full detailed expense tracker tool that will not only help users keep a check on their expenses, but also cut down the unrequired expenses, and thus will help provide a responsible lifestyle. An analysis comparing existing expense tracking software with the one being introduced is provided.

## References:

- [1] Prof Miriam Thomas<sup>1</sup> , Lekshmi P<sup>2</sup> , and Dr. Mahalekshmi T<sup>3</sup> Assistant Professor, Master of Computer Application<sup>1</sup> Student, Final Year Master of Computer Application<sup>2</sup> Principal, Sree Narayana Institute of Technology<sup>3</sup> Sree Narayana Institute of Technology, Kollam, Kerala.
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- [3]- Karim, Md. Abdul; Orin, Taslima  
YesminURI: <http://dspace.daffodilvarsity.edu.bd:8080/handle/123456789/4026>
- [4]- Angad Manchanda Master of Science in Computer Science San Diego State University, 2012