

**V.S.B.ENGINEERING COLLEGE, KARUR**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**IBM NALAIYA THIRAN**  
**LITERATURE SURVEY**

**TITLE** : PERSONAL EXPENSE TRACKER APPLICATION  
**DOMAIN NAME** : CLOUD APPLICATION DEVELOPMENT  
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**ABSTRACT**

The expense tracking app runs on Android. The user of this application can keep an electronic diary. This tool not only keeps track of your spending but also breaks them down by category for you. This app allows users to keep track of their daily, weekly, and monthly spending. Because you are aware of your spending, this application will also offer a feature that will assist you in maintaining your budget. At the end of the month, the expense tracker platform will provide a report that displays expenses graphically. We have also included a unique tool that will divide your spending into user-friendly categories. Additionally, an expense history will be included in the application.

**INTRODUCTION**

People today are worried about the consistency of their daily expenses. This is done mostly to maintain track on-users' daily expenses so that monthly expenses can be controlled. We have built an android application titled as "Expense Tracker Application" and this application is used to manage the user's daily spending in a more logical and manageable method. This application will assist us in keeping track of spending and reducing the need for manual estimates of daily expenses. This application allows the user to compute his daily

total expenses, and the results are saved for each individual user. We must keep the Excel sheets, Word documents, notes, and files for the user's daily and monthly spending, just like the conventional techniques of budgeting. There isn't a fully functional way to easily keep track of our daily expenses. Maintaining a log in diary is a very boring activity that can occasionally become problematic owing to the manual calculations. Considering everything mentioned above, we aim to fulfil the user's needs, requirements by designing an android application which will assist them in lightening their loads. "Expense Tracker Application" is an application that lets the user enter their daily expenses at the end of the day, and to evaluate their expenses.

## **LITERATURE SURVEY :**

The Author describes [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.

The Author describes [2], They are building an android application named as "Expense Tracker". As the name suggests, this project is an android app which is used to track the daily expenses of the user. It is like digital record keeping which keeps the records of expenses done by a user. The application keeps the track of the Income and Expenses both of user on a day-to-day basis. This application takes the income of a user and manage its daily expenses so that the user can save money. If you exceed daily expense allowed amount it will give you a warning, so that you don't spend much and that specific day. If you spend less money than the daily expense allowed amount, the money left after spending is added into user's savings. The application generates report of the expenses of each end of the month. The amount saved can be used for celebrating festivals, Birthdays or Anniversary.

The Author describes [3], 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. We have tried to 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. The language databases we use to develop this system are Java (Apache Net bins and MySQL Workbench 8.0 CE. This application is a GUI (Graphics User Interface) based application. If you are a window user, you can download the application and work accordingly. This system is used by any person to control his income expenditure from daily to annual basics. And to keep an eye on their spending. This app is very easy to use and multi-language. The main feature of this app is that you can track by day and category. You can use it according to your category.

#### **REFERENCE:**

- [1] Manchanda A. (2012). Expense Tracker Mobile Application (Doctoral dissertation, San Diego State University).
- [2] KAZI, A., KHERADE, P. S., VILANKAR, R., & SAWANT, P. M. (2021). Expense Tracker.
- [3] Gupta, H., Singh, A. P., Kumar, N., & Blessy, J. A. (2020). *Expense Tracker: A Smart Approach to Track Everyday Expense* (No. 4809). Easy Chair.