

# Personal Expense Tracker application

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## ***INTRODUCTION :***

The “Expense Tracker” is developed using Angular 8 for front end and SQL lite for back end. Expense Tracker helps to maintain the record of daily expenses and monthly income of a user from anywhere and also generates a monthly report of the expenses in pdf format. The Expense Tracker app tracks all the expenses and helps the user to manage his/her expenses so that the user is on the path of financial stability. The Tracking of expenses is categorised by week, month and year, it helps to see the more expenses made. To use the Expense Tracker the user has to sign up into such as name, phone no., address, email address, username, password and confirm password of the user. The user can get enlisted just a single time, per user can just one record.

## ***LITERATURE REVIEW :***

A writing audit is a study of insightful sources on a particular research.

### **A. User Registration and Creation**

This application like the vast majority of the applications will have user login screen and alternatives for enlistment. The user should enlist in this application when the person in question is utilizing for first time. Nonetheless, the client who is now enlisted can login to the application utilizing their login accreditations that are made by the user at the hour of enrolment.

### **B. Adding Income and Expenses**

This application will provide to choose the categories or type of income or expenses. Every user of the application has to the options to add incomes and expenses accordingly. Each record should have details date of occurrence of item, details of items etc.

### **C. Category Master**

This module fundamentally relies upon the SQL Lite for putting away classification details and expense subtleties and income. The class exchange is put away in a SQL lite database.

### **D. Management View- Date Wise**

The Expenses are recorded dependent on the Predetermined date insightful in this module. By recovering all the income and expense subtleties are seen as a rundown of exchanges classes by our various costs. The income and expenses are recovered by utilizing SQL lite queries and saw in advanced cell.

### **E. Remainder**

The Rest of is a caution generator module, for user recognition the alert/ready will review the user to add the Income or Expenses at day by day or Certain Period bases on user need.

### **EXISTING SYSTEM:**

In this Existing System, when an gets his/her salary he/she can add that into daily expense manager. Then after adding his/her salary details user can expense manager stores all the details. If the user want's all the detail of credit and debit he/she can get it through the Expense Tracker. Notification Manager also reminds about credit and debit details after the salary is updated

### **FUTURE SCOPE:**

- 1) It will have various options to keep record (for example **Food, Travelling Fuel, Salary etc.**).
- 2) **Automatically it will keep on sending notifications for our daily** expenditure.
- 3) In today's busy and expensive life, we are in a great rush to make moneys, but at the end of the month we broke off. As **we are unknowingly spending money on title and unwanted things**. So, we have come over with the plan to follow our profit.
- 4) Here user can define their own categories for expense type like food, clothing, rent and bills where they have to enter the money that has been spend and likewise can add some data in extra data to indicate the expense monitoring your everyday expenses can set aside you cash, yet it can likewise help you set your monetary objectives for what's to come. **It's a user-friendly application**

### **ACKNOWLEDGEMENT:**

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### **REFERENCES:**

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- [2] **N. ZahiraJahan MCA., M. Phil, K. I. Vinodhini**, "Personalized Expense Managing Assistant Using Android", International Journals of Computer Techniques (IJCT), Volume: 3 Issue: 2, ISSN: 2394-2231 (March-April 2016).

### **CONCLUSION:**

Tracking the daily expenses can not only help in saving money but also help in setting financial goals for the future.. This project is developed to work more efficiently in comparison to other trackers and avoid manual calculation. It is developed to be efficient and look attractive at the same time.