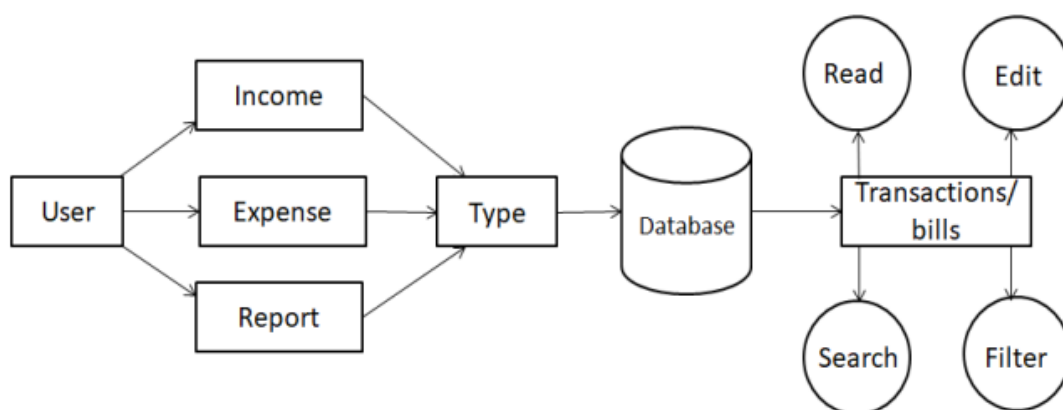## Summary:

Expense tracker is an android based application. This application allows the user to maintain an online diary. Expense tracker application will keep a track of Expenses of a user on a day-to-day basis. It keeps a record of your expenses and also will give you a category wise distribution of your expenses. With the help of this application users can track their daily/weekly/monthly expenses. This application will also have a feature which will help you stay on budget by sending alerts. This app will generate a report at the end of month to show Expense via a graphical representation. We also have added a special feature which will distribute expenses in different categories suitable for the user. An expense history will also be provided in application.

Budget Tracking involves recording and analyzing the incomes and expenses of a person or an organization over a particular period of time. Today, since we are living in a hurry to get it done, many people are looking forward to efficient ways to budget their time and money. During recent years, some research has been carried out on household budgets. It has been noted that in most cases, budget management is being done mentally and never being put on paper which makes Budget Tracking very difficult. In this project we propose an application known as "Income and Expense Tracker" which is helpful to manage our income and expenses as daily or whenever we want to remember. It also acts as a reminder in the fastest world, we won't be able to remember what we have to buy and what are the payments we have to pay for the particular month. This application will help you to make notes for it.

METHODOLOGY:

Modules:

A. User Registration and Login

This application like the vast majority of the applications will have a user login screen and alternatives for enlistment. The user should enlist in this application when the person in question is using it for the 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 the option to add incomes and expenses accordingly. Each record should have details of the date of occurrence of item, details of items etc.

C. Dashboard

It has the control to move between different user interfaces by the user to toggle and use the application. It has account information, settings, income tab etc.

D. Filter/Search Transaction

In the transaction tab, the user can filter the transaction. In the tab, users could select the day, month and year then click the filter button and according to the day and month, year transactions will appear. If the user wants to filter the transactions only on the basis of a day.

E. View Report

The user has a pie chart option available for graphical representation. If the user clicks the view analytics it will redirect to the statistics. When the user rotates the phone statistics will be initiated and it shows the graphical representation in the form of a pie chart. Pie charts could contain a colored and percentage view.

Conclusion:

Monitoring your everyday expenses can set aside your cash, yet it can help you set your monetary objectives for what's to come. Expense Tracker project is for keeping our day-to-day expenditures and will help us to keep record of our money daily. The project effectively keeps away from the manual figuring for trying not to ascertain the pay and cost each month.

Existing Solution

      https://www.spendee.com/
      https://mint.intuit.com/
      https://goodbudget.com/

Technical Papers

      https://easychair.org/publications/preprint_open/73S7
      https://www.researchgate.net/publication/347972162_Expense_Manager_Application