Expense Tracker

ATIYA KAZI[1], PRAPHULLA S. KHERADE[2], RAJ S. VILANKAR[3], PARAG M. SAWANT[4]

[1] Professor, Department of Information Technology, Finolex Academy of Management and Technology, Ratnagiri, Maharashtra, India.

[2, 3, 4] Department of Information Technology, Finolex Academy of Management and Technology, Ratnagiri, Maharashtra, India.

Abstract- We 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.

Indexed Terms- User Account Registration and Creation, Category Master, Remainder, Mobile Application, Expenses.

I. INTRODUCTION

The "Expense Tracker" is developed using Angular 8 for front end and SQL lite foe back end. Expense Tracker helps to maintain the record of daily expenses and monthly income of an users 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 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. The

remainder is set if the type future expense. The whole subtleties of the income or expense can be seen or refreshed or can be erased by long pressing the specific rundown thing. The things in the rundown can be separated by month, year and date. When the month's end is arrived at the complete pay, all out past expense and all-out future expense are determined and shown for the user.

II. 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. Management View- Category Wise

The Expenses are recorded dependent on the Predetermined classification astute in this module. By retrieving all the income and expanse subtleties are seen as a rundown of exchanges classifications by our various expenses. The income and expenses are recovered by utilizing SQL lite queries and saw in advanced cell.

F. 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.
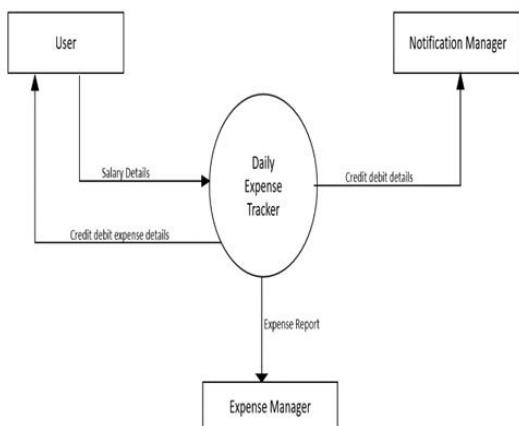
III. EXISTING SYSTEM

Fig. 1 Existing System for Expense Tracker

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.
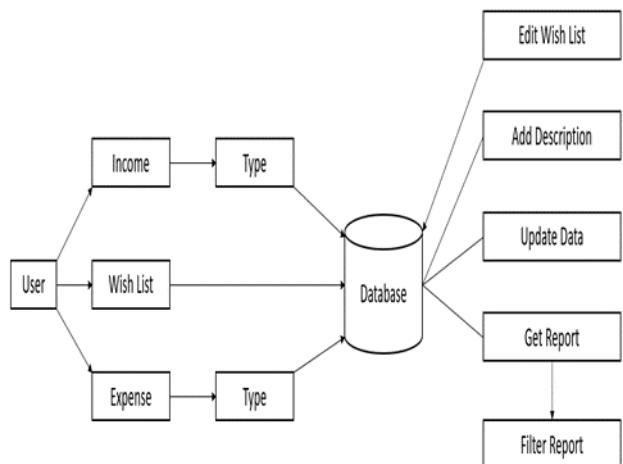
IV. PROPOSED SYSTEM

Fig. 2 Proposed System for Expense Tracker

In this proposed System, User are provided with three options for data entry namely Income, Expense and Wish List. If you select income or expense you would be provide with its types and subtypes. For wish list only items can be inserted. This information would be saved onto database by their particular classification. The saved data can later be changed if the user needs to do as such. Altering here means adding description changing wish list updating data etc. User can also view the result. They can also filter to see the required content only.

V. 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.

CONCLUSION

Monitoring your everyday expenses can set aside you cash, yet it can likewise help you set your monetary objectives for what's to come. On the off chance that you know precisely where your sum is going much of a stretch see where a few reductions and bargains can be made. Expense Tracker project is for keeping our day-to-day expenditures will helps us to keep record of our money daily. The project what we have created is work more proficient than the other income and expense tracker. The project effectively keeps away from the manual figuring for trying not to ascertain the pay and cost each month. It's a user-friendly application.

ACKNOWLEDGEMENT

REFERENCES

[1] Y. Anitha, R. Ranjini, S. Gomathi, "Easy App for Expanses Manager Using Android", International Journals of Computer Techniques, Volume: 3 Issue: 2, ISSN: 2394-2231 (March-April 2016).

[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).

[3] S. Chandini, T. Poojitha, D. Ranjith, V. J. Mohammed Akram, M. S. Vani, V. Rajyalakshmi, "Online Income and Expense Tracker", International Research Journal of Engineering and Technology (IRJET), Volume: 06 Issue: 3, e-ISSN: 2395-0056, p-ISSN: 2395-0072 (March 2019).

[4] P. Thanapal, Mohammed Yaseen Patel, T. P. Lokesh Raj and J. Satheesh Kumar, "Income and Expense Tracker", Indian Journal of Science and Technology, Vol 8(S2), ISSN: 0974-5645 (January 2014).

[5] Girish Bekaroo and Sameer Sunhaloo, "Intelligent Online Budget Tracker", Computer Science and IT Education Conference (2014).