My Expenses

Vaishnavi Kolhe¹, Brishti Basu², Vivek Shah³, Ayush Ostwal⁴

1,2,3,4Student, Dept. of Computer Engineering, MAEER's MIT Polytechnic Pune, Maharashtra, India

---***---

Abstract - *We have proposed an android based application. This application allows users to maintain a computerized diary. Money Tracking application which will keep a track of Income-Expense of a user on a day to day basis. This application keeps a record of your expenses and will give you a category wise distribution of your expenditure. With the help of this application one can track their daily/weekly/monthly expenses. This application will also has a feature which will help you stay on budget. If you exceed that days expense it will give you a notification. Money tracking application will generate report at the end of month to show Income-Expense via a tabular format. We also have added a special feature which will distribute your expenditure in different categories suitable for the user. A pie-chart representation of your category wise expenditure will also be provided.*

***Key Words*: Add Income, Add Expense, Expenses, Export Expenses, Exporting Income, Remove Import file, Remove Export files, View Expenses, View Incomes**

1. INTRODUCTION

Nowadays common people are concerned about regularity of daily expenses. This is done mainly to keep a track of your daily expenses to have a control over your monthly expenses.

We have developed an android application named as "My Expenses" and this application is used to manage the user's daily expenses in a more efficient and manageable way. This application will help us reduce the manual calculations for their daily expenses and keep the track of the expenditure. With the help of this application, user can provide his income to calculate his total expenses per day and these results will stored for unique user.

As the traditional method of budgeting , we need to maintain the Excel sheets, Word Documents etc. files for the user daily and monthly expenses. There is no as such complete solution to keep a track of our daily expenditure easily.

Keeping a log in diary is a very tedious process and also may sometimes lead into errors due to manual calculations.

Looking on all the above given conditions, we are trying to satisfy the customer requirements by building a mobile application which will help them reduce their efforts. "My Expenses" is an application where one can enter their

daily expenses. Both receiving and transferring of money can be tracked through this application.

2. PROBLEM DEFINATION

We are developing such a kind of app which will allow you to manually update your expensive as well as it also automatically update your expensive on other hand there are many apps on play store of money tracking which help us to keep track of our daily expenses but in these types of app we can only enter data manually and there is no automatic updating facility so to overcome this disadvantage we are developing such kind of application.

3. LITREATURE SURVEY

3.1eExpense: A Smart Approach to Track Everyday Expense

Published by : Shahed Anzarus Sabab, Sadman Saumik Islam, Md. Jewel Rana, Monir Hossain Department of Computer Science and Engineering (CSE) Northern University Bangladesh, Daffodil International University Dhaka, Bangladesh

4th International Conference of on Electrical Engineering and Information and Communication Technology, 2018[1]

eExpnese is an application that supports Android smartphones. By using this application, users can save their expense by simply scanning the bills or receipt copies. This application extracts the textual information from the receipts and saves the amount and description for further processing. It also monitors user's income by tracking the received SMS's from the user's saving accounts. By calculating income and expense it produces the user's balance in monthly and yearly basis. Overall, this is a smart computerized solution for tracking expense.

3.2Income and Expense Tracker

Published by: P. Thanapal*, Mohammed Yaseen Patel, T.P. Lokesh Raj and J. Satheesh Kumar

Indian Journal of Science and Technology, Vol 8(S2), 118–122, January 2015[2]

In this project we propose an application known as "Income and Expense Tracker" which is helpful to manage out income and expense as an daily or periodically or else whenever we want to remind. It also act as an indicator or reminder example in the fastest world which we can't able to remember what are the things we have to do for the

month end and what are the payments we have to pay for the particular month.

4. PROPOSED METHODOLOGY

Money tracker is going to be a mobile application so that it can be accessed any time required. This application will have a two-tier architecture: first, the database tier, where all the information and financial data will be stored. Second, will be the user interface which will aid the application user communicate with the system and store data in the database. The proposed system should operate offline so it can be accessed at any time without internet connection. The proposed system should provide different categories for the user to choose from and they can enter the amount and mode of payment.

This system should be able to analyze the data, provide statistics on which category did the user spent most of their money. The proposed system should provide an interface where the user can store and observe their past spending.

To create this system, we will use android studio and it will be written in Java. SQLite will be the database used.
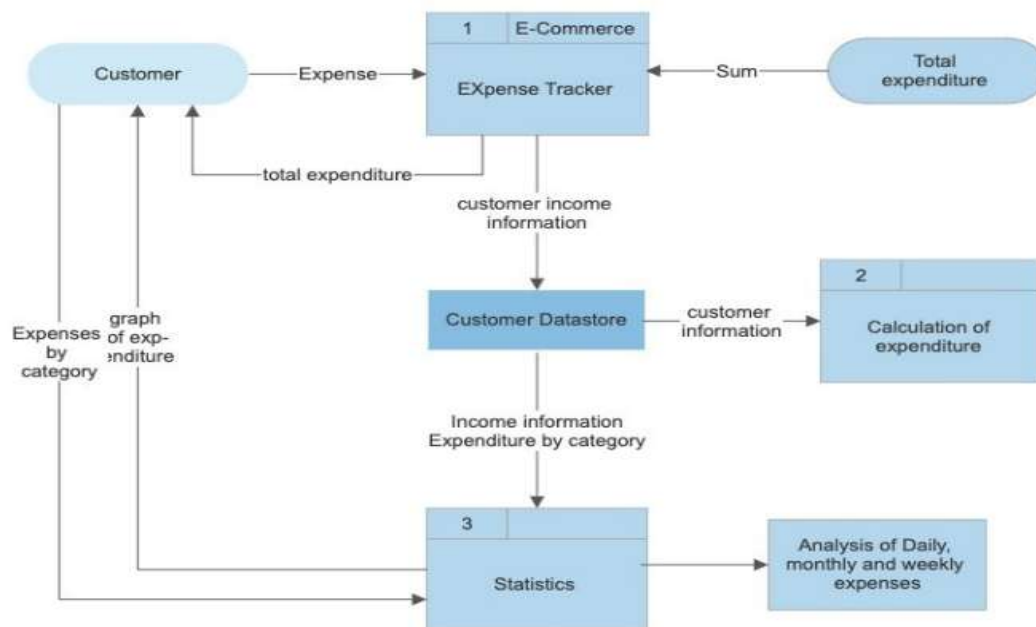

Fig -1: System Architecture

4.1 Feasibility Study

Technology has infected every area of our life. We are depended on technology for almost every aspect of our life. Smart phones and tablets are reformulating the marketplace worldwide today.

Nowadays, mobile technology has become important and it is easier than a personal computer or laptop, which is needed to connect to the specific location. In fact, mobile devices are becoming a natural part of daily life and routine because it is easier to carry all the time anywhere rather than a laptop and personal computer. Furthermore, they can access information anytime and anywhere using data plan provided by telecom provider or wireless connections.

Why not daily budgeting? We have all seen our previous generations write down their daily expenses in a notebook. Here we provide an environment where, in a few clicks can add their expenses.

5. RESULTS ACHIEVED

These are the result achieved in our project:

5.1Main budget book
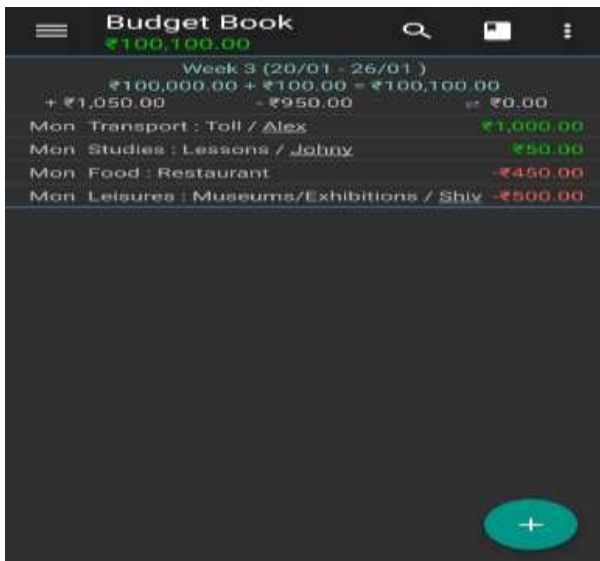
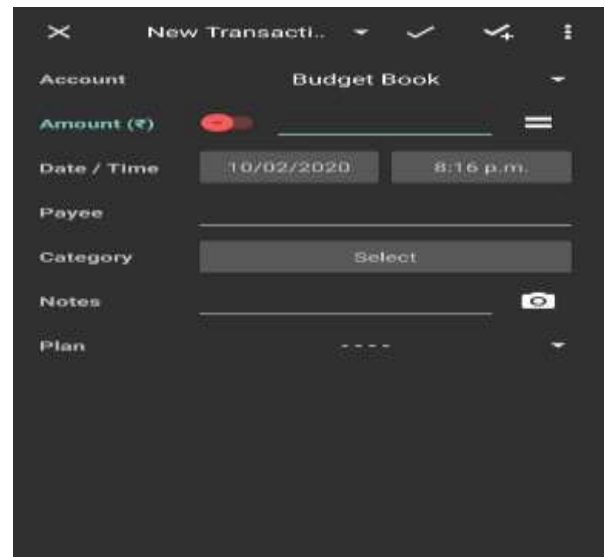This is the main budget book. This shows your expenditure.

Fig -2: Main Budget Book

5.2 Add new account

This feature helps you to add a new account.

Fig -3: Add new account

5.3 Add new transaction

This feature helps you add an entry after every expenditure.

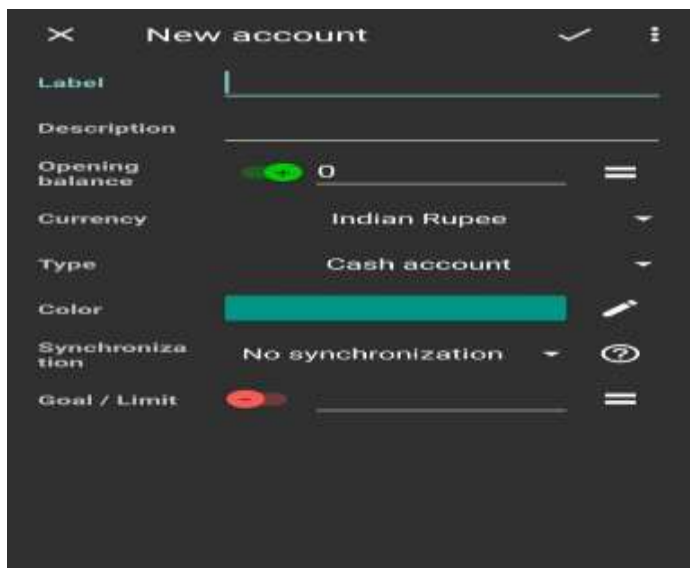**Fig -4**: Add new transaction

5.4 Distribution

This feature gives you a category wise distribution represented in pie-chart.

Fig -5: Distribution

5.5 Categories

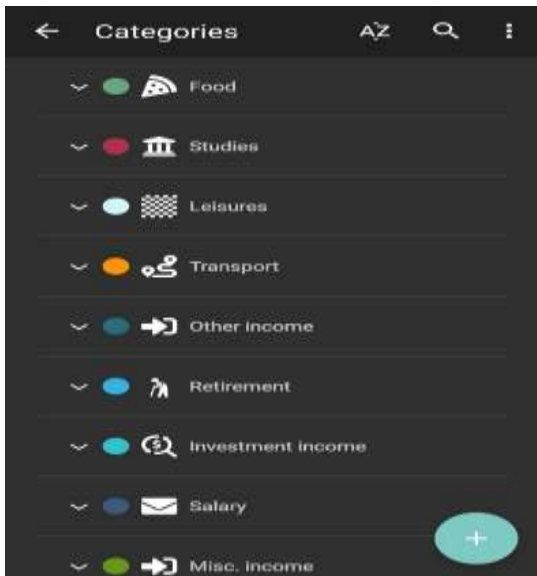This feature lists the default categories.

Fig -6: Categories

5.6 Add new categories

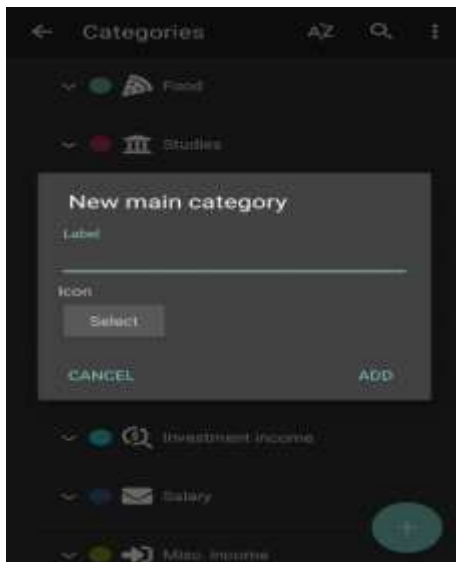This feature helps you add new categories according the user's requirements.

Fig -7: Add new category

6. CONCLUSION

Thus we have developed such type of android application which help's user to reduce their effort of manually updating their daily expenses instead of that the application will have various features of automatically updating the users expenses.

REFERENCES

[1] Paper published by: Shahed Anzarus Sabab1, Sadman Saumik Islam2, Md. Jewel Rana, Monir Hossain Department of Computer Science and Engineering (CSE) 1Northern University Bangladesh, 2 Daffodil International University Dhaka, Bangladesh 4th International Conference of on Electrical Engineering and Information and Communication Technology, 2018

[2] Paper published by: P. Thanapal, Mohammed Yaseen Patel, T.P. Lokesh Raj and J. Satheesh Kumar Indian Journal of Science and Technology, Vol 8(S2), 118–122, January 2015

[3] Reference Book - Java The Complete Reference by Herbert Schildt