

V.S.B. ENGINEERING COLLEGE, KARUR
Department of Computer Science and Engineering
IBM NALAIYA THIRAN LITERATURE SURVEY

TITLE: PERSONAL EXPENSE TRACKER APPLICATION

TECHNOLOGY: CLOUD APPLICATION DEVELOPMENT

DOMAIN NAME: BANKING AND FINANCE

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ABSTRACT:

In simple words, personal finance entails all the financial decisions and activities that a Finance app makes your life easier by helping you to manage your finances efficiently. A personal finance app will not only help you with budgeting and accounting but also give you helpful insights about money management. Personal finance applications will ask users to add their expenses and based on their expenses wallet balance will be updated which will be visible to the user. Also, users can get an analysis of their expenditure in graphical forms. They have an option to set a limit for the amount to be used for that particular month if the limit is exceeded the user will be notified with an email alert.

INTRODUCTION:

As the name itself suggests, this project is an attempt to manage our daily expenses in a more efficient and manageable way. Sometime we can't remember where our money goes. And we can't handle our cash flow. For this problem, we need a solution that everyone can manage their expenses. So we decided to find an easier way to get rid of this problem. So, our application attempts to free the user with as much as possible the burden of manual calculation and to keep the track of the expenditure. Instead of keeping a diary or a log of the expenses, this application enables the user to not just keep the control on the expenses but also to generate and save reports. With the help of this application, the user can manage their expenses on a daily, weekly and monthly basis. Users can insert and delete transactions as well as can generate and save their reports. The graphical representation of the application is the main part of the system as it appeals to the user more and is easy to understand.

LITERATURE SURVEY:

The author describes [1] is aimed at developing an android based mobile application capable of monitoring and controlling personal expenses, as well as cautioning the user against reckless and unbudgeted spending. The developed system was designed using system flowchart, use case diagram, sequence diagram, class diagram and system architecture diagram. It was implemented using Java programming language on android studio and My SQL. The developed system was evaluated based on basic functionality tests performed on the individual modules, the integrated testing as well as the overall function testing. The results of testing the functionalities of the developed system showed that all the modules worked properly when tested individually. They rejected invalid inputs and responded promptly to user requests. Database operations such as insert, update, delete and add that were performed yielded expected results, and data consistency / integrity are maintained in the reports generated. Thus, the developed system provides an easy to use, portable and secured means of enhancing financial sustainability and promotes individual and societal economic growth via fiscal discipline.

The author describes [2] is to avoid Income and Expense calculations and in the same manner to remind a person, we develop an android application which may helpful in all the situations and it can be installed in our android phones. It help us to remind and add some information that what are the income comes from other persons and what are all the expenses or payments we have to pay in specific date or month. In expense tracker we have categories like add expense, expenses of each month, add new expense, view categories of expenses, export expenses in a date range, remove export files, view categories wise expenses.

REFERENCE:

1. An Android Based Mobile Application for Tracking Daily Expenses Adepegba, O. A., Fayemiwo, M.A., Oduwale, O. A. & Onamade A. A. Department of Computer Science Adeleke University Ede. Osun State, Nigeria.
2. Chen JW, Yen M. Engineering Accreditation: A Foundation for Continuing Quality Improvement. 2005 Mar 1–5; Tainan. Exploring Innovation in Education and Research.