Date	07 November 2022
Team ID	PNT2022TMID33144
Project Name	Personal Expense Tracker Application

1. EXPENDITURE MANAGEMENT SYSTEM:

AUTHOR: DR.V.GEETHA, G.NIKITHA, H.SRI LASYA, DR.C.K.GOMATHY

YEAR: 2022

Expense Tracker is an everyday expense control application designed to track effortlessly and efficiently each day costs. This helps us to get rid of the need of paper responsibilities that systematically maintains information. This device can be utilized by any individual to govern their income expenditure from each day to annual basis and to hold an eye on their spending, Including the person to whom the payments were made and the purpose for the payment. On a weekly, monthly, and yearly basis, details of expenses will be displayed in the form of a pie chart. It aids us in remembering and adding information about what money we receive from others and what costs or payments we must make on a given date or month. We have categories in the expense tracker such as add expense, monthly expenses, add new expense, and so on. It gives the daily remainder about the savings we need to do.

Expense tracker is a web application used to track user expenses and generates periodical reports about the savings and expenditure. In this project, we propose an application known as "Expense Tracker," which is helpful to manage our income and expense daily or periodically or else whenever we want to remind. It also acts as an indicator or reminder example in the fastest world in which we cannot remember what the things we have to do for the end of the month are and the payments we have to pay for the particular month. Due to some conflict or other stress, we sometimes forget what the income is, where the money has to come from, or the payments we have to pay.

This app will assist you in keeping track of what you need to do at the end of the month. For instance, what are the monthly expenses, and how much do they cost? Food expenses, phone, power, taxation, and other personal charges are some of the expense features. If we are a businessman with a multi-business, we do not know from which part of the business income has come and how much income has come for us, but with the help of this application, we can divide and store all of the income and set a reminder for a specific date to remain so that we can manage and finalize the income for us.

2. EXPENSE TRACKER:

AUTHOR: AMAN GARG, MUKUL, SAGAR MITTAL, MR. SHEKAR SINGH

YEAR: 2021

Expense Tracker is a web application that facilitates the users to keep track and manage their personal as well as business expenses. This application helps the users to keep a digital diary. It will keep track of a user's income and expenses on a daily basis. The user will be able to add his/her expenditures instantly and can review them anywhere and anytime with the help of the internet. User can easily import transactions from user mobile wallets without risking his/her information and efficiently protecting user's privacy. User can see the accurate duration for how long a particular product is being used by them. The monthly, and year-wise comparison of expenditures will be done by the app which will let the user know the area where user is spending the most. The user will be able to see the detailed analyses with the help of graphical visualizations.

This project will provide a lot of benefits to the users with the help of which they will be surely able to keep track of each penny. It is time to stop using paper and excel sheets to keep track of your digital as well as cash payments. Using paper is not easy to manage. It is common to delete files accidentally or misplace files. This expense tracker provides a complete digital solution to this problem. Excel sheets do very little to help in tracking expenses. Furthermore, they don't have the advanced functionality of preparing graphical visuals automatically. Not only it will save the time of the people but also it will assure error-free calculations. The user just has to enter the income and expenditures and everything else will be performed by the system.

In today's world financial well-being is the dream of every person and managing and keeping track of their expenses play a crucial role in this goal. If a person is not able to manage his expenses, user is likely to end up in a crisis. Money management is a necessary part of life. A proper balance between income and expense is a must for a comfortable livelihood. There must be some savings that can be used at a later point of life when needed. But in the absence of proper management of money, we left with no savings at all. Some people note down every single expense which is a good practice. Expense Management and Tracking is performed by noting down and analyzing the transactions of an individual or an organization over a particular period. Nowadays, everyone in the world is in some kind of hurry, so countless people are searching for competent ways of tracking and managing their expenses.

Using an expense tracker can help you keep track of how much money you spend every day and on what. At the end of the month, you will have a clear picture of where your money is going. This is one among the simplest ways to urge your expenses in check.

3. AN ANDROID BASED MOBILE APPLICATION FOR TRACKING DAILY EXPENSES

AUTHOR: ADEPEGBA, O. A., FAYEMIWO, M.A., ODUW

This study 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.

As technological innovation develops, numerous Information Technology (IT) based applications are developed to aid individuals and organizations in performing tasks, especially those being carried out on daily basis. This android based mobile application for tracking daily expenses aims to automate the record keeping and monitoring of daily expenses. In those days, a costs day book was used to monitor day to day costs, periodic costs and ascertain the financial plan manually.

4. EXPENSE TRACKER: A SMART APPROACH TO TRACK EVERY EXPENSE:

AUTHORS: HRITHIK GUPTA, ANANT PRAKASH SINGH, NAVNEET KUMAR, J. ANGELIN BLESSY

YEARS: 2020

Expense Tracker is a day-to-day expense management system designed to easily and efficiently track the daily expenses of unpaid and unpaid staff through a computerized system that eliminates the need for manual paper tasks that systematically maintains records and easily accesses data stored by the user. We have tried to design the window application in such a way that the user does not have to bother using this application without much effort. End users with window running devices can use this software.

The language databases we use to develop this system are Java (Apache Netbeans 11.3) and MySQL Workbench 8.0CE. This application is a GUI (Graphics User Interface)based application. If you are a window user, you can download the application and work accordingly. This system is used by any person to control his income expenditure from daily to annual basics. And to keep an eye on their spending. This app is very easy to use and mutli-language. The main feature of this app is that you can track by day and category. You can use it according to your category.

It will guide them and aware them about their daily expenses. It will prove to be helpful for the people who are frustrated with their daily budget management, irritated because of amount of expenses and wishes to manage money and to preserve the record of their daily cost which may be useful to change their way of spending money. In short, this application will help its users to overcome the wastage of money.

5. A REVIEW ON BUDGET ESTIMATOR ANDROID APPLICATION

AUTHOR: NAMITA JAGTAP , PRIYANKA JOSHI, ADITYA KAMBLE

YEAR: 2019

In existing, we need to maintain the excel sheets, csv etc. files for the user daily and monthly expenses. In existing, there is no as such complete solution to keep a track of its daily expenditure easily.

To do so a person as to keep a log in a diary or in a computer, also all the calculations needs to be done by the user which may sometimes results in errors leading to losses. This project is about mobile application Expenses system with geo-location tracking ,Based on the location of the user, it using Google Places, to check, the available store in the area, provides a notification for offers purpose.

In term of security design, this system may implement a login authentication such as OTP message to your mobile device, this function may bring more security confidence to user. , we propose an application which is developed by android. this application allows users to maintain a digital automated diary.

Each user will be required to register on the system at registration time, the user will be provided id,which will be used to maintain the record of each unique user.

Expense Tracker application which will keep a track of income-expense of a user on a day to day basis. this application takes income from user and divides in daily expense allowed.

If you exceed that days expense it will cut if from your income and give new daily expense allowed amount, and if that days expense is less it will add it in savings.

Expense tracking application will generate report at the end of month to show income-expense via multiple graphs.it will let you add the savings amount which you had saved.

6. PERSONALIZED EXPENSE MANAGING ASSISTANT USING ANDROID

AUTHORS:N.ZAHIRAJAHAN, K.I.VINODHINI
YEARS: 2016

Mobile applications stood top among usability and user convenience. Many applications are available in the market to manage personal and group expenses. Not many applications provide a comprehensive view of both use cases. In this project, we develop a mobile application that keeps track of user personal expenses, his/her personal contribution towards group expenses; maintain monthly incomes, recurring and ad-hoc payments. It provides information of "who owes who and by how much".

The proposed application would eliminate sticky note, spreadsheet and ledger that cause confusions, data inconsistency problems while recording and splitting of expenses. With our application user can manage his expenses more effectively. This application will not only help users to manage their expenses but also help marketing executives to plan marketing according to the needs of users.

This is also a unique feature of expense manager. The estimations of expenses of user are suggested to them. This would help the user to adjust his spending accordingly within their budget. However, this application will not consider some expense types like buying electronic appliances, automobiles and other expensive products which do not occur frequently.

Entire usage of collected data will be used only by third party for the purpose analysing expenses and will have no direct involvement of user. The results obtained this will help market strategist to plan accordingly so that it stabilise the demand supply in the market benefiting all the stakeholders.