LITEREATURE SURVEY

Date	19 September 2022
Team ID	PNT2022TMID12448
Project Name	Personal Expense tracker

Paper 1: Expense Tracker Application(Velmurugan R,Mar 2021)

This application allows the user to maintain a computerized diary. Expense tracker application which will keep a track of Expenses of a user on a dayto-day basis. Expense tracker application will generate report at the end of month to show Expense via a graphical representation. We also have added a special feature which will distributes your expenses in different categories suitable for the user. An expense history will also be provided in application.They have developed an android application named as "Expense Tracker Application" and this application is used to manage the user's daily expenses in a more coherent and manageable way. With the help of this application, user can calculate his total expenses per day and these results will stored for unique user. As the traditional methods of budgeting, we need to maintain the Excel sheets, Word Documents, notes, and files for the user daily and monthly expenses. There is no as such full-fledged solution to keep a track of our daily expenses easily. Keeping a log in diary is a very monotonous process. Expense tracker application will generate report at the end of month to show Expense via a graphical representation. We also have added a special feature which will distributes your expenses in different categories suitable for the user. An expense history will also be provided in application.

Paper 2: Daily Expense Tracker (Shivam Mehra,December 2021)

The daily expense tracker is a web application which is used to maintain data of daily, weekly, monthly and yearly expenses in an eye-catching way . The application contains all the features of digitally maintaining the records with some eye-catching visual representation and graphics of your spending and even eliminating the need of physical entries by provide voice instructions. This web application usually is developed using React Js as the framework and also uses its libraries like material Ui, chart.js to add and create the functionalities. Similarly, it will also have an expense category where you can make similar transaction about the source of your expense, amount and date. On creating such transaction a different chart for distribution of expense will also be made in real time. The web application will also be voice powered and all the functionalities can be used with voice commands. The application will be accessible and compatible to all the devices. It is designed and developed in a way that it is compatible with each and every device.

Paper 3: Expenditure Management System (Dr.V.Geetha,May 2022)

In this project, They 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. 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, Food expenses, phone, power, taxation, and other personal charges are some of the expense features. This project also includes features that will assist the user in maintaining all financial operations, such as a digital automatic diary. So, in order to create a better expense tracking system, they created a project that will greatly benefit the users. Most people are unable to track their expenses and income, resulting in financial difficulties. In this scenario, a daily cost tracker can assist people in tracking their income and expenses on a daily basis, allowing them to live a stress-free life.

Paper 4: An Android Based Mobile Application for Tracking Daily Expenses(Adepegba,Jan 2019)

This Article is about developing an android based mobile application capable of monitoring and controlling personal expenses, as well as cautioning the user against unbudgeted spending. It was implemented using Java programming language on android studio and My SQL. The use of this application will among other things help to monitor rate of spending, refresh information and give warning notification among other things. The wide use of these android mobile phones and their ability to run software applications, make a lot of sense in making this application android based. It has also helped in providing more knowledge in Java programming on Android studio, Mobile app development, SQLite Server database application and integration. The developed system was designed using system flowchart, use case diagram, sequence diagrams, class diagram and system architecture diagram which makes the system user friendly with easy to use interface for any user including those that are not used to computer software. In this paper, the development and implementation of an Android Based Mobile Application for Tracking Daily Expenses capable of helping users to keep records of their daily expenses monitor their spending and control wasteful spending had been presented.

PROJECT DESCRIPTION

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.

Technical Architecture :