

LITERATURE SURVEY

Date	18 October 2022
Team ID	PNT2022TMID21134
Project Name	Project - Personal Expense Tracker
Maximum Marks	8 Marks

S.NO	TITLE OF THE PAPER	AUTHOR	PUBLISHED YEAR	ABSTRACT
1	PERSONALIZED EXPENSE MANAGING ASSISTANT USING ANDROID	ZAHIRAJAHAN, K.I.VINODHINI	2016	<p>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.</p> <p>.</p>

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2	INTELLIGENT ONLINE BUDGET TRACKER	GIRISH BEKAROO AND SAMEER SUNHALOO	2007	<p>Intelligent online budget tracker (Genius IOBT.com) to efficiently manage household budget. Our system will help to plan and track household-budget related issues where members of the system can securely access it anytime from anywhere via the Internet. The Intelligent Online Budget Tracker not only keeps track of the budget but also provides means to analyze data via charts and graphs as well as intelligently predicting future budgets and issues like bankruptcy.</p> <p>The developed system is an independent and totally self-contained product which will prove to be beneficial to both the company hosting it as well as its members. Many features will be present in the system that will facilitate money management of the users of the system. On the first instance, the members need to register with the system. They will get unique login information which they can use every time they visit the system.</p> <p>.</p>

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3	EXPENSE TRACKER	ATIYA KAZI, PRAPHULLA S. KHERADE, RAJ S.VILANKAR, PARAG ‘ M. SAWANT	2021	<p>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.</p> <p>.</p>

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4	EXPENSE TRACKER: SMART APPROACH TO TRACK EVERY EXPENSE	HRITHIK GUPTA, ANAN PRAKASH SINGH, NAVNEET KUMAR, ANGELIN BLESSY	2020	<p>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 Net beans 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 multi-language.</p> <p>.</p>

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5	ONLINE INCOME AND EXPENSE TRACKER	S. CHANDINI, T. POOJITHA, D. RANJITH, V.J. MOHAMMED AKRAM, M.S. VANI, V. RAJYALAKSHMI	2019	<p>Income and Expense Tracker will maintain data of daily, weekly, monthly, yearly expenses, Manages your expenses and earnings in a simple and intuitive way.</p> <p>User can select category of expense, enter other information like user can capture photo, add location, select amount of expense etc.</p> <p>And this will save to the local database. User can view and sort expense as per weekly, monthly, yearly. By using this, we can reduce the manual calculations for their expenses and keep the track of the expenditure.</p> <p>In this, user can provide his income to calculate his total expenses per day and these results will stored for unique user.</p> <p>People when usually go for trips or movies with friends they can use this tracker to maintain their expense. It will be easy for them to share the bill in this tracker.This will display graph as per selected view.</p> <p>And user can enter his monthly income or limit of monthly Expense in this tr. This tracker system provides an integrated set of features to help you to manage your expenses and cash flow.</p>

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6	EXPENSE MANAGER APPLICATION	VELMURUGAN A , ALBERT MAYAN J NIRANJANA P AND RICHARD FRANCIS	2020	<p>Mobile applications are top in user convenience and have over passed the web applications in terms of popularity and usability. There are various mobile applications that provide solutions to manage personal and group expense but not many of them provide a comprehensive view of both cases.</p> <p>In this paper, we develop a mobile application developed for the android platform that keeps record of user personal expenses, his/her contribution in group expenditures, top investment options, view of the current stock market, read authenticated financial news and grab the best ongoing offers in the market in popular categories.</p> <p>The proposed application would eliminate messy sticky notes, spreadsheets confusion and data handling inconsistency problems while offering the best overview of your expenses. With our application can manage their expenses and decide on their budget more effectively.</p>

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7	A NOVEL EXPENSE TRACKER USING STATISTICAL ANALYSIS	MUSKAAN SHARMA , AYUSH BANSAL , DR.RAJU RANJAN , SHIVAM SETHI	2021	<p>Expense Tracker is used to maintain and manage data of daily expenditure in a more precise way it can give profound knowledge of their expenses.</p> <p>User can choose the kind of spending they wanted to do, even the amount etc. and all these details is going to be saved by the internal database storage.</p> <p>In this system user can actually have a knowledge about their expenditure on their daily basis, weekly as well as monthly basis. This systematic way of storing your information related to your expenses would help you to keep a track of your expenditure and further you do not have to do the manual stuff.</p> <p>Some statistical analysis has to be done to be able to give users correct information on their expenses and help them spend better. This helps the society to prevent the issues like bankruptcy and save time from manual calculations.</p> <p>.</p>

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8	A REVIEW ON BUDGET ESTIMATOR ANDROID APPLICATION	NAMITA JAGTAP , PRIYANKA JOSHI, ADITYA KAMBLE	2019	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>

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9	AN ANDROID BASED MOBILE APPLICATION FOR TRACKING DAILY EXPENSES	Adepegba, O. A., Fayemiwo, M.A., Oduw	2018	<p>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 budgeted spending.</p> <p>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.</p> <p>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.</p> <p>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.</p>

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10	EXPENSE TRACKER	AMAN GARG , MUKUL GOEL, SAGAR MITTAL , MR. SHEKHAR SINGH	2021	<p>This 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.</p> <p>The user will be able to add his/her expenditures instantly and can review them anywhere and anytime with the help of the internet.</p> <p>He/she can easily import transactions from his/her mobile wallets without risking his/her information and efficiently protecting his/her privacy. He can see the accurate duration for how long a particular product is being used by him.</p> <p>The monthly, and year-wise comparison of expenditures will be done by the app which will let the user know the area where he is spending the most..</p>