**Literature survey**

**Personal Expense Tracker Application**

**Batch: B71A3E**

**Team ID : PNT2022TMID29591**

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**Paper 1:**

**Publication year** : December 2021

**Project name** : Online Income and Expense Tracker

**Author**  : Shivam Mehra, Prabhat Parashar

**Journal name** : International Journal of Research in Engineering and Science (IJRES)

**Summary**  :

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. This project is aimed at developing a web application which will be helpful to users who run out of resources due to mismanagement and also find it difficult to maintain records of their expenses. So daily expense tracker will help them manage their needs and spending in a better way by accessing the web application directly from web browsers. It is designed and developed in a way that it is compatible with each and every device. The application will prove to be a crucial utility among the families removing the fear of losing the physical records , here data is stored in local storage of the browser and thus is never lost and stay as it is even if you open the application after a long period of time. This web application usually is developed using React Js as the framework and also uses its libraries like material UI, chart. Tracking your expenses daily can save your amount, but it can also help you set and work for financial Goals for the future.

**Paper 2:**

**Publication Year** :May 2021

**Project name** : Expense Tracker

**Author name** : Aliya kazi, Praphulla S. Kherade, Raj S.Vilankar, Parag M.sawant

**Journal name** : Iconic research and Engineering Journal

**Summary**  :

The android application named as “The Personal Expense Tracker” is developed for 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 Personal Expense Tracker is developed using Angular 8 for front end and SQLite for back end. Expense Tracker helps to maintain the record of daily expenses and monthly income of an users from anywhere.

**Paper 3:**

**Publication year** : 21 May 2021

**Project name** : Expense Manager Application

**Author**  : Velmurugan A, Albert Mayavan J, Niranjana P, Richard Francis

**Journal name** : IOP Publishing (Journal of physics)

**Summary** :

The mobile application developed for the android platform that keeps record of user personal expenses, user contribution in group expenditures, top investment options, view of the current stock market, read authenticated financial news and grab the best on-going offers in the market in popular. The proposal application would eliminate messy sticky notes, spread sheets confusion and data handling inconsistency problems while offering the best overview of your expenses. Here, some programming languages and tools were used named as Android studio, kotlin and Java, SQLite, Android OS and Figma Designing tool. Developer has developed a mobile application that keeps track of all of your daily transactions, keep track of your money lent or borrowed.

**Paper 4:**

**Publication year** : April 2021

**Project name** : Online Income and Expense Tracker

**Author** : Aman Garg , Mukul Goel2 , Sagar Mittal , Mr.Shekhar Singh

**Journal name**  : International Journal for Research in Applied Science & Engineering Technology (IJRASET)

**Summary :**

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. 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. The user just has to enter the income and expenditures and everything else will be performed by the system. The project successfully avoids the manual calculation for calculating the income and expense per month. The modules are developed efficiently and also in an attractive manner. Tracking your expenses daily can not only save your amount, but it can also assist you set financial goals for the longer term.

**Paper 5:**

**Publication year** : March 2021

**Project name** : Online Income and Expense Tracker

**Author** : Velmurugan.R, Mrs.P.Usha

**Journal name** : International Journal of Innovative Research in Technology

**Summary** :

Expense tracker is an android based application. 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 day-to-day basis. With the help of this application user can track their daily, weekly, monthly expenses. This application will also have a feature which will help you stay on budget because you know your expenses Index Terms Add Expenses, Java, Xml, MySQL, View Analytics, Add Category, filter Transaction. Now a day’s people are concerned about regularity of their daily expenses. This is done mainly for keep a Track of the user’s daily expenses to have a control of user’s monthly expenses. This application is used to manage the user‘s daily expenses in a more coherent and manageable way. The android application which helps the users to reduces their effort of handling daily expenses. That the application will have various components of updating and viewing users’ expenditures. Some of the extra Components are like enabling users to register to the application using existing email or social network account , it will synchronize the users profile data to the application.

**Paper 6:**

**Publication year :** September 2020

**Project name**  : Expense Tracker

**Author**  : prof Miriam Thomas, Lakshmi P, Dr. Mahalakshmi

**Journal name** : International Journal of advanced research in Science, Communication and Technology(IJARSCT)

**Summary**  :

The web application “Expense Tracker” is developed to manage the daily expenses in a more efficient and manageable way. By using this application the user can reduce the manual calculations of the daily expenses and keep track of the expenditure. The application has the provision to predict the income and expense for manager using data mining. In existing, the Excel sheets, CSV has to be maintained. Files for the user daily and monthly expenses. In existing, there is no such complete solution to keep track of its daily expenditure easily. There can be many disadvantages of using a manual accounting system. Accounting, for any business, can be a complex undertaking. To reduce manual calculations, The application was proposed. This application allows users to maintain a digital automated diary. Each user will be required 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 track of Income-Expense of user on a day to day basis. By using Least squares algorithm, the least squares method is a statistical procedure to find the best fit for a set of data points by minimizing the sum of the offsets or residuals of points from the plotted curve. Least squares regression is used to predict the behaviour of dependent variables. The application have developed is work is more efficient than the other income and expense tracker. The application was successfully avoids the manual calculation for avoiding calculating the income and expense per month.

**Paper 7:**

**Publication year** : March 2019

**Project name** : Online Income and Expense Tracker

**Author**  : S.Chandini, T.Poojitha, D.Ranjith, V.J.Mohammedd Akram, M.S.Vani, V.Rajyalakshmi

**Journal name** : International Research Journal of Engineering and Technology (IRJET)

**Summary** :

Income and Expense Tracker will maintain data of daily, weekly, monthly, yearly expenses, Manages your expenses and earnings in a simple and intuitive way. User can select category of expense, enter other information like user can capture photo, add location, select amount of expense etc. And this will save to the local database. Budgeting is the internal part of the society. Budget tracking involves the recording and analysing the incomes and expenses of a person. This is an Web Application that uses HTML, CSS, JavaScript and PHP for backend.

**Paper 8:**

**Publication year** : January 2015

**Project name** : Online Income and Expense Tracker

**Author** : P. Thanapal, Mohammed Yaseen Patel, T.P. Lokesh Raj , J. Satheesh Kumar

**Journal name** : Indian Journal of Science and Technology

**Summary**  :

To avoid Income and Expense calculations issue 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. The Expense Tracker is helpful to manage out income and expense as a daily or periodically or else whenever we want to remind. This application has been developed with simple concepts and it is like simple message storing mechanism combined with reminder to remind in a particular day. In this it discuss about income and expense. The project successfully avoids the manual calculation for the income and expense per month. The remainder will help us to remind us each and every second what we have set to remind.