LITERATURE SURVEY

1. EXPENSE TRACKER

AUTHORS: Atiya Kazi, Praphulla S. Kherade, Raj S. Vilankar, Parag M.Sawant

YEARS: 2021

This project is an android app which maintain a digital record to track the daily expenses of the user. It is developed using Angular 8 for front end and SQL lite for back end. 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, at 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 Expense Tracker app tracks all the expenses and helps the user to manage his/her expenses so that the user is the path of financial stability. The Tracking of expenses is categorised by week, month and year, it helps to see the more expenses made. To use the Expense Tracker the user has to sign up into such as name, phone no., address, email address, username, password and confirm password of the user.

MERITS:

➢ Expense Tracker helps to maintain the record of daily expenses and monthly income of a user from anywhere.
➢ It helps the user to be financially stable.

DEMERITS:

➢ Continuous internet connection.
➢ Information is less secure.

2. DAILY EXPENSE TRACKER

AUTHORS: Shivam Mehra, Prabhat Parashar

YEARS: 2021

This project is a tool that resides on a remote server and is accessible via browsers which allows to track the daily expense of the user and help them to better manage their resources. It creates a digital record of the income and expense of the user. It input from the user a income, source of this income and the date of earning that income and creates a transaction entry under income category sums to the total amount of income and making real time changes. The various sources of income can be added and thus the distribution of your income is also illustrated by real time functioning charts that will keep updating as per your transactions. 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.

MERITS:

➢ The application will be accessible and compatible to all the devices.
➢ It has voice functionalities for better user experience.

DEMERITS:

➢ Some human errors may occur.
➢ Information is less secure.

3. A NOVEL EXPENSE TRACKER USING STATISTICAL ANALYSIS

AUTHORS: Muskaan Sharma, Ayush Bansal, Dr. Raju Ranjan, Shivam Sethi

YEARS: 2021

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. 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 storge. In this system user can 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. Some statistical analysis must 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. User can provide his/her income to calculate the total expense per day and the results will be stored for each individual user. People when usually go for trips with friends, can use this tracker to maintain their expense.

MERITS:

➢ The application includes a wish list, savings, and settlement modules.
➢ It helps to organise expenses for pre-planned trips, festival, parties and so on.

DEMERITS:

➢ It is chaotic while organising the plan and do not get notification for the settlement.
➢ Information is less secure and maybe lost.

4. A REVIEW ON BUDGET ESTIMATOR ANDROID APPLICATION

AUTHORS: Namita Jagtap, Priyanka Joshi, Aditya Kamble

YEARS: 2021

This project is about mobile application Expenses system. 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 need to be done by the user which may sometimes results in errors leading to losses. So, this project is introduced to overcome the disadvantage with the proposed features like 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.

MERITS:

➢ The application includes a wish list and savings.
➢ It additional gives offers of recently visited hotels, shops and even e-shopping.

DEMERITS:

➢ The information about the offers is not properly maintained and updated.
➢ Due to improper information about the offers may bring miscalculation in the budget.