Literature Survey

Personal Expense Tracker Application

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1. **Expense Tracker -** Hrithik, Anant Prakash Singh, Navneet Kumar, Ms.J.Angelin Blessy

Expense Tracker is a day-to-day expense management system designed to easily and efficiently track the daily expenses 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. The window application is designed in such a way that the user can effortlessly access it. End users with window running devices can use this software. The language databases we use to develop this system are Java (Apache Netbins 11.3) and MySQL Workbench 8.0 CE. This application is a GUI (Graphics User Interface) based application. IThis system is used by any person to control his income expenditure from daily to annual basics.

2. **Expense Tracker Mobile Application** - Angad Manchanda

The Expense Tracker Mobile Application was developed for iPhone users to keep track of their expenses and determine whether they are spending as per their set budget. Potential users need to input the required data such as the expense amount, merchant, category, and date when the expense was made. Optional data such as sub-category and extra notes about the expense can be entered as well. The application allows users to track their expenses daily, weekly, monthly, and yearly in terms of summary, bar graphs, and pie-charts. This mobile application is a full detailed expense tracker tool

that will not only help users keep a check on their expenses, but also cut down the unrequired expenses, and thus will help provide a responsible lifestyle. An analysis comparing existing expense tracking software with the one being introduced is provided.

3. **Cloud based Expense Tracker -** Asthha Wahal, Muskan Aggarwal

DET is an android app which users can run on their mobile phones and update their daily expenses. Here users can define their own categories for expense types like food, clothing, rent and bills where they have to enter the amount that has been spent and also can add additional information to specify the expense. Users can also define expense categories. They will be able to see a pie chart of expenses. Also, the DET app is capable of clustering. Personal and administration clustering is possible by the use of Apriori algorithm.

4. **Online Income and Expense Tracker** - S.Chandini, T. Poojitha, D. Ranjith, V.J. Mohammed Akram, M.S. Vani, V. Rajyalakshmi

Users can select the category of expense, and enter other information like captured photo, location, select amount of expense etc. This is saved to the local database. Users can view and sort expenses as per weekly, monthly, yearly. By using this, we can reduce the manual calculations for their expenses and keep track of the expenditure. The user can provide his income to calculate his total expenses per day and these results will be stored for each unique user. The user can enter his monthly income or limit of monthly Expense as well

5. **Daily Expense Tracker Mobile Application -** Nuura Najati, Binti Mustafa

This application implements the Least Squares method which predicts an outcome by finding the best fit line for a set of data. The use of the least squares method will help users in obtaining a successful budget planned with the prediction of the outcome of the budget based on expenses. In addition, this application will incorporate the function of generating a monthly expense report and budget outcome predictions