V.S.B.ENGINEERING COLLEGE, KARUR

Department of Computer Science and Engineering

IBM NALAIYA THIRAN

LITERATURE SURVEY

TITLE   : Personal Expense Tracker Application

DOMAIN NAME   : Cloud Application Development

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ABSTRACT:

   The web application "Expense Tracker" is developed to manage the daily expenses in a more efficient and manageable way. By using this application we can reduce the manual calculations of the daily expenses and keep track of the expenditure. In this application, user can provide his income to calculate his total expenses per day and these results will be stored for each user. The application has the provision to predict the income and expense for the manager using data mining. In this application, there are 3 logins such as admin, manager and staff. Admin has the privilege to add, edit, delete manager, add, edit, delete staff, and to get all custom reports. For Manager, the privileges are to add type of expense, verify expense, add type of income, verify income and generatereports. For staff, the privileges are to add and edit expense, income and calculations, and send for verifications.

INTRODUCTION:

   The "Expense Tracker" is developed using Angular 8 for front end and SQL lite foe back end. Expense Tracker helps to maintain the record of daily expenses and monthly income of an users from anywhere and also generates a monthly report of the expenses in pdf format. 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. The user can get enlisted just a single time, per user can just one record. The remainder is set if the type future expense. The whole subtleties of the income or expense can be seen or refreshed or can be erased by long pressing the specific rundown thing. The things in the rundown can be separated by month, year and date. When the month's end is arrived at the complete pay, all out past expense and all-out future expense are determined and shown for the user.

LITEREATURE SURVEY:

The Author describes [1], Modern life offers a plethora of options of services and goods for consumers. As a result, people's expenses have gone up dramatically, e.g., compared to a decade ago, and the cost of living has been increasing day by day. Thus it becomes essential to keep a check on expenses in order to live a good life with a proper budget set up. The iPhone device, designed and marketed by Apple Inc., is one of the top-selling smartphones in the USA, and with the launch of the new iPhone5 on September 21, 2012, whose sales have already surpassed the previous iPhone handsets (iPhone 4S, iPhone4) sales, it is apparent that people have been using smartphones as an organizational tool. XpensTrak, 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.

The Author describes [2], Daily Expense Tracker is a small rule in imitation of successfully bossing one's costs easily. It is raised in imitation of superintending the daily expenses in an extra efficient and manageable way. By using the software, we perform decrease the guide calculations regarding-by-day by fees care of period these effects desire stay stored because of each user. Daily Expense Trackers lets in the person in accordance with hold a computerized diary. It offers a class dole on one's expenses. We also hold brought a distinct characteristic as wish apportion cover costs in one-of-a-kind categories suitable for the user. It is an application as users do accomplish between their computers. It is capable after begetting one's fees yet deliverance document so care of duration up to expectation be able to keep selected. Daily Expense Tracker systematically continues the file of transactions done and effortlessly helps the person after getting admission to in the formation stalls all call as I back according to strengthen that system is Java (Apache NetBeans IDE 13) and my MySQL Workbench. This application is a GUI (Graphics User Interface) based application.

The Author describes [3], In today's frantic and expensive society, we are in a great hurry to make money. We did, however, split ways at the conclusion of the month. We are unknowingly squandering money on insignificant and unwanted products. As a result, we've devised a system for keeping track of our earnings. Expense Tracker is a tool that can assist anyone in keeping track of their expenses and reducing their spending. Expense Tracker is a mobile application that users may download to their phones and use to track and update their daily costs so they are always aware of how much they are spending. The user can establish their own spending categories, such as food, clothing, rent, and bills, and then enter the amount spent as well as any notes. Include more information in the Additional information area to specify the expense. A pie chart of costs will be available to the user. Every Day Expense Tracker System is a software programme that keeps track of a user's daily income and expenses. The daily costs are divided using this technique. Overall, this is a smart automated solution for tracking expense.

REFERENCES:

[1] Manchanda, A. (2012). *Expense Tracker Mobile Application* (Doctoral dissertation, San Diego State University).

[2] Masendu, T. R., & Tripath, A. M. (2022). Daily Expense Tracker. *International Journal of Research in Engineering, Science and Management*, *5*(5), 90-92.

[3] Jadhav, N. J., Chakor, R. V., Gunjal, T. M., & Pawar, D. D. EXPENSE TRACKER.