PROBLEM STATEMENT AND LITERATURE SUVERY

PROJECT:

PERSONAL EXPENSE TRACKER APPLICATION

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ABSTRACT

Personal Expense Tracker (PET) is a daily expense management system that was created specifically for paid and non-salaried employees to keep track of their daily expenses in a simple and efficient manner through a computerized system that tends to remove manual paper work. Additionally, it will organize records so that users may easily access the information that has been stored. We made an effort to create the product

so that users may utilize it easily and without encountering any problems. Customers using Android-powered devices can actually use this app. Java is the language we use to create this system, and SQLite is the database language.

Problem Explanation and Use Cases

1. **Registering and Creating Users**

This program has a user login screen and various registration options like most applications. When a user uses something for the first time, they should register for that application. However, the currently registered customer can use the application with the login credentials they created during registration.

2. **Adding income and expenses**

With this application, you can choose different types or categories of income or expenses Each application user has the option of entering income and expenses in appropriate amounts. Each entry must include information such as the release date and details of the product.

3. **Category Master**

This module basically depends on SQL Lite to extract category details and cost details and revenue. Class exchange is placed in SQL Lite database. . Administrative View - Date Wise According to the given date in this module expenses are recorded. Our versatile spending is viewed as a breakdown of , exchange categories, bringing together all income and , shades of consumption. Using SQL Lite with queries and an advanced cell saw, income and expenses are returned.

4. **Management View –**

Category Wise According to the predefined classification used in this module, expenses are recorded. Collecting all the economic and geographic nuances that our system sees as a list of exchange classes is different. Income and expenses are based on SQLite queries searched and observed in modern cells .

5. Final part

The final part is an alert module that, after identifying the user, asks the user to enter income or expenses daily or periodically according to their needs.

LITERATURE SURVEY

PAPER 1: Expense Tracker

AUTHORS: Aman Garg, Mukul Goel, Sagar Mittal , Mr.Shekhar Singh

A web programme called "Expense Tracker" enables users to manage and keep track of both personal and professional costs.

Managing paper is difficult. Files are frequently lost or mistakenly deleted. This spending tracker offers a comprehensive digital fix for this issue. Excel spreadsheets are not very useful for keeping track of spending.

Additionally, they lack the sophisticated capabilities needed to automatically prepare graphical visuals. It will not only free up people's time but also guarantee accurate calculations. The user only needs to enter their income and expenses; the system will handle the rest. Budget, planning, savings, savings tracker, expense graphical depiction.

PAPER 2: Intelligent Online Budget Tracker

AUTHORS: Girish Bekaroo and Sameer Sunhaloo School of Business Informatics and Software Engineering, University of Technology, Mauritius

To effectively manage household budgets, we provide the geniusIOBT.com website, an intelligent online budget tracker. Our system will assist in organising and monitoring household budget-related concerns, and members will be able to safely access it

from anywhere at any time using the Internet. The Intelligent Online Budget Tracker not only monitors the budget, but also offers tools for data analysis using graphs and charts, as well as the ability to predict future budgets and problems like bankruptcy.

Keywords: household budget, clever online budget tracker, data analysis.

PAPER 3: Online Income and Expense Tracker

AUTHORS: S.Chandini, T. Poojitha, D. Ranjith, V.J. Mohammed Akram, M.S. Vani, V.Rajyalakshmi

With the help of the income and cost tracker, you can easily and intuitively manage your earnings and expenses. It will keep track of your daily, weekly, monthly, and annual expenses. The user can choose the type of charge they want to record as well as additional details like images, locations, and the amount of the expense. Additionally, the local database will be saved. Expenses can be viewed and sorted by weekly, monthly, or yearly amounts. Using this, we can keep track of their spending and cut down on the human calculations required. Additionally, the user may put a monthly income or expense cap in this field. This tracker system offers a comprehensive collection of tools to assist you in controlling your spending and cash flow.

PAPER 4: Income and Expense Tracker

AUTHORS: P.Thanapal, Mohammed Yaseen Patel, T.P.Lokesh Raj and J.Satheesh Kumar

We created an android application that can be loaded on our android phones to assist us avoid doing the Income and Expense calculations and to also serve as a reminder. This programme may be useful in all circumstances. It assists us by serving as a reminder and by providing some more information regarding the sources of our income as well as the costs or payments that must be made on a given day or within a given month. In the expense tracker, there are sections for adding expenses, tracking monthly expenses, adding new expenses, seeing expense categories, exporting expenses over a specified time period, removing export files, and viewing expenses by category.

PAPER 5: Daily expense tracker

AUTHORS: Aanajey Mani Tripath Tamia Ruvimbo Masendu

Daily Expense Tracker is a small rule that easily mimics expense management. It was raised by imitating managing daily expenses in a very efficient and manageable manner. This enterprise pleasure store gives ages or gives a responsible lifestyle. This law is chronic through every person, imitating every day their incomes and expenses for years, but imitating their expenditure with eyes. This software is completely easy to copy and has multilingual capabilities. An important feature of this program is that the amount you spend regulates the expenses by reference to the date, month and year. You can use it to save costs, which increases your savings