

Personal Expense Tracker Application

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1. Problem Statement

To develop a Personal Expense Tracker Application that the users could use to keep track of expenses.

2. Literature Survey

2.1. Income and Expense Tracker

The authors suggest using an app called "Income and Expense Tracker" to keep track of our income and expenses on a daily, weekly, monthly, or anytime we want to remember basis. It also serves as a signal or reminder since, in today's fast-paced world, it can be difficult to remember the obligations we have for the end of each month and the payments we must make. Sometimes we lose track of our sources of income, where money must come from, or what obligations we have to fulfill due to conflict or other sources of stress. You can use this application to make notes on the tasks we have to complete before the end of the month. For instance, how much it costs monthly and what the monthly expenses are. Some of the cost elements include food costs, billing costs for things like phone, power, taxes, and other personal expenses. When it comes to the income features, a businessperson running multiple enterprises may not be aware of where his income originates from or how much it has brought in for him. However, thanks to this application, he can divide and store all of his earnings and set a reminder for a particular date to stay in order to manage and finalize his income.

2.2. Expense Tracker : A Smart Approach to Track Everyday Expense

A daily expense management tool called Expense Tracker was created by Hrithik Gupta, et al to make it simple and effective to keep track of the daily expenditures of both paid and unpaid employees. It is a computerized system that does away with the need for labor-intensive paperwork, systematically maintains records, and makes it simple to access user-stored data. They made an attempt to create the window programme so that the user would not have to exert much effort to use it. Users using Windows-based computers can use this programme. We utilize MySQL Workbench 8.0 CE and Java (Apache Netbeans 11.3) as the language databases to create this system. A GUI (Graphics User Interface) is used in this programme. You can download the application and utilize it appropriately if you use Windows. Anyone can use this approach to manage their income and expenses, from daily necessities to annual expenses. also to monitor their spending. This programme is multilingual and very

simple to use. This app's key feature is the ability to track by day and category. You might employ it in line with your category.

2.3. Expense Tracker Mobile Application

People are adopting mobile applications to complete their work, which makes their life easier, as a result of the introduction of smartphones and the growth in their sales over the past few years. There are many distinct categories of mobile applications, including those for entertainment, sports, lifestyle, education, games, food and drink, health and fitness, finance, and others. This expense tracking software belongs to the finance category and is used to manage funds, which is a crucial aspect of one's life. As part of the Software Development Lifecycle, the software product goes through the design, development, and testing phases. The functionality of the programme is created using the iOS SDK, and the product testing phase was successfully completed. The application's interface is designed utilizing unique art components. The application only requires users to enter the expense amount, date, category, merchant, and additional optional attributes (taking picture of the receipts, entering notes about the expense, adding subcategories to the categories). With this information entered, the user can view the spending data daily, weekly, monthly, and yearly in numbers, graphs, and PDF format. If a printer is accessible, they can also be printed. Each of these subjects has a chapter dedicated to it that goes into great detail. The purpose of this thesis is to offer iPhone users a way to manage their finances in any situation by keeping track of their daily expenses. In the end, this benefits societal prosperity.

2.4. Online Income and Expense Tracker

The authors propose an online tool called "Online Income and Expense Tracker" that can be used to keep track of our income and expenses on a daily, weekly, monthly, or whenever we want to remember. It also serves as a signal or reminder since, in today's fast-paced world, it can be difficult to remember what we need to get done before the end of the month and what bills we need to pay. Sometimes we lose track of our sources of income, where money must come from, or what obligations we have to fulfill due to conflict or other sources of stress. This application will assist you in keeping track of the tasks that need to be completed by the end of the month. For instance, how much it costs monthly and what the monthly expenses are. Some of the cost elements include food costs, billing costs for things like phone, power, taxes, and other personal expenses. Our web application will be extremely helpful for business people in this fast-paced environment as well as for families with children. Society as a whole depends on budgeting. Budget tracking entails keeping track of and evaluating a person's or an organization's earnings and outlays over a specific time frame. Many people are looking for effective ways to manage their time and money nowadays because we live in a hurry-up and get-it-done culture. A little home budget study has

been done in recent years. Budget tracking is highly challenging since, as has been observed, budget management is typically done mentally rather than on paper.

3. References

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