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**MINOR-1 PROJECT**

**REPORT FILE**

**Expense Master - Your Ultimate Expense Tracker**

Submitted By

|  |  |  |
| --- | --- | --- |
| **Specialization** | **Roll No.** | **Name** |
| B.Tech CSE (AIML) | R2142220277 | Priyanshi Bhatt |
| B.Tech CSE (AIML) | R2142220299 | Yashans Joshi |
| B.Tech CSE (AIML) | R2142220618 | Ria Singhal |
| B.Tech CSE (AIML) | R2142220780 | Ayush Dwivedi |

**School Of Computer Science**

**UNIVERSITY OF PETROLEUM & ENERGY STUDIES,**

**DEHRADUN- 248007, Uttarakhand**

**Project Guide**

Dr. Mohammad Ahsan

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1. **Abstract**

The Budget Tracker project focuses on simplifying the process of income and expense tracking, providing users with an efficient way to manage their finances. With an intuitive interface, this solution bridges the gap between income and expenses, offering users a faster, smoother experience. The system is designed to cater to users of all financial literacy levels, making it easy to monitor daily spending, categorize expenses, and set budgets.

Key features include creating custom categories—such as food, transportation, housing, and entertainment—and setting financial limits for each. Users can generate detailed reports that provide insights into their spending patterns, helping them make informed decisions and work towards financial goals. Additionally, the app’s automated daily tracking ensures users don’t miss recording any expenditures, leading to better savings, and planning.

The Budget Tracker is not targeted at a specific demographic but aims to help anyone—regardless of age or financial background—take control of their finances. By addressing the common challenge of tracking expenses, this project offers a valuable tool to help users achieve better financial discipline and long-term stability.

***Here are some of the benefits of using an expense tracker app:***

* 1. Helps us track our spending habits over time. Expense tracker apps can help you track your spending habits over time. This can help you see how your spending has changed over time and identify any trends.
  2. Helps you save for a specific goal. Expense tracker apps can help you save for a specific goal, such as a vacation or a down payment on a house. You can see how much money you have available to save each month by tracking your spending.
  3. Helps you get a better understanding of your finances. Expense tracker apps can help you get a better understanding of your finances. By tracking your income and expenses, you can see where your money is going and make informed decisions about your financial future.

If you are looking for a way to save money, an expense tracker app is a great option. There are many different apps available, so you can choose one that fits your needs and budget.

1. **Introduction**

An expense tracker is a software or application that helps you keep track of your expenses. It can be used to track your spending on a daily, weekly, monthly, or yearly basis. Expense trackers typically allow you to categorize your expenses, so you can see where your money is going. They can also help you set budgets and track your progress toward your financial goals.

When choosing an expense tracker, it is important to consider your needs and budget.

***Some factors to consider include:***

* 1. **The features offered by the tracker:** Some trackers offer more features than others, such as budgeting, bill pay, and credit score monitoring.
  2. **The price of the tracker:** Expense trackers can range in price from free to hundreds of dollars per year.
  3. **The ease of use of the tracker**: The tracker is easy to use and navigate.
  4. **The compatibility of the tracker:** Make sure the tracker is compatible with your devices and operating system.

Once you have chosen an expense tracker, you can start tracking your expenses. To get started, you will need to create an account and add your income and expenses. You can then categorize your expenses so you can see where your money is going. Expense trackers can be a helpful tool for managing your finances. They can help you track your spending, set budgets, and reach your financial goals. If you are looking for a way to improve your financial situation, then an expense tracker is a good place to start.

***Here are some of the benefits of using an expense tracker:***

You can see where your money is going. This can help you identify areas where you can cut back on spending.

1. You can set budgets and track your progress toward your financial goals.
2. You can get insights into your spending habits. This can help you make better financial decisions in the future.
3. You can save money. By tracking your spending, you can identify areas where you can cut back and save money.
4. You can improve your credit score. By tracking your spending and paying your bills on time, you can improve your credit score.

If you are looking for a way to improve your financial situation, then an expense tracker is a good place to start. There are many different expense trackers available, so you can choose one that fits your needs and budget.

1. **Problem Statement**

Expense trackers are a valuable tool for people who want to improve their financial health. They can help people track their spending, identify areas where they can cut back, and make informed financial decisions. However, many people find it difficult to use expense trackers consistently. This can lead to inaccurate data and missed opportunities to save money.

The problem statement is clear, concise, and specific. It identifies the problem (people find it difficult to use expense trackers consistently), the solution (expense trackers can help people track their spending, identify areas where they can cut back, and make informed financial decisions), and the consequences of the problem (inaccurate data and missed opportunities to save money).

***Here are some other ways to improve the problem statement:***

* 1. **Add more details about the problem.** For example, you could mention that people often forget to enter their expenses, or that they find it tedious to track their spending.
  2. **Use more specific language.** For example, instead of saying "People find it difficult to use expense trackers," you could say "People find it difficult to remember to enter their expenses into expense trackers."
  3. **Quantify the problem.** For example, you could mention that a study found that 70% of people do not track their spending.

1. **Literature Review**

Expense tracking is a common practice that can help people save money and stay on budget. There are many ways to track expenses, including using pen and paper, spreadsheets, or dedicated software applications.

JavaFX is a popular framework for developing graphical user interfaces (GUIs). It is used to create interactive and visually appealing applications. Java is a general-purpose programming language that is known for its portability and scalability.

Several open-source expense tracker applications have been developed using JavaFX and Java. These applications offer a variety of features, such as the ability to track expenses by category, create budgets, and generate reports.

***The following are some of the key features of expense tracker applications developed using JavaFX and Java:***

* + - The ability to track expenses by category.
    - The ability to create budgets.
    - The ability to generate reports.
    - The ability to share data with others.
    - The ability to customize the application's appearance.

The development of expense tracker applications using JavaFX and Java is a relatively straightforward process. There are many resources available to help developers get started, such as tutorials, sample code, and open-source projects.