PROJECT DESIGN PHASE II

FUNCTIONAL REQUIREMENTS

Date	05 October 2022
Team ID	PNT2022TMID16346
Project Name	Personal Expense Tracker Application

Project description:

In simple words, personal finance entails all the financial decisions and activities that a Finance app makes your life easier by helping you to manage your finances efficiently. A personal finance app will not only help you with budgeting and accounting but also give you helpful insights into money management.

Personal finance applications will ask users to add their expenses and based on their expense's wallet balance will be updated which will be visible to the user. Also, users can get an analysis of their expenditures in graphical forms. They have an option to set a limit for the amount to be used for that particular month if the limit is exceeded the user will be notified with an email alert.

Scope:

1) It will have various options to keep records (for example Food, Travelling Fuel, Salary, etc.).

2) Automatically, it will keep sending notifications for our daily expenditures.

3) In today's busy and expensive life, we are in a great rush to make money, but we break off at the end of the month as we unknowingly spend money on titles and unwanted things. So, we have come up with a plan to follow our profit.

4) Here, users can define their categories for expense types like food, clothing, rent, and bills, where they have to enter the money that has been spent and add some extra data to indicate the expense.

PURPOSE:

An expense tracker is an incredibly useful and practical financial tool. The main purpose of an expense tracker, also known as a finance tracker, is to **identify where you are spending your money**, and from there, you can identify ways or opportunities to save or invest more of your money and reduce your cost of living.

If you were to track your expenses over a specific period of time, such as 90 days, you may be surprised with what you're spending your money on. Getting a better understanding of your personal finances can be extremely helpful, and an expense tracker is a great way to get fully acclimated with your spending and savings habits.

IDENTIFIER	REQUIREMENTS
1. Add transaction	This application will allow adding transaction.
2 Delete transaction	This application will allow the deleting transactions.
3 Amount spent in categories	This application will allow adding the amount spent in a particular category.
4 View all transactions	This application will allow viewing all previous transactions.
5 Total amount	This application will allow seeing the total amount, the amount spent in different categories and balance left.
6 Overview	This application will allow viewing overall transactions.
7 Graph representation	This application will show the graph which will help the users to visualize the budget.
8 Pie representation	This application will show the pie.
9 Bar representation	This application will show the bar.
10 Change background	This application has the option to change the background.
11 Passcode	This application has the option to set a passcode for security.
12 Add multiple accounts	This application has the option of creating multiple accounts for the users
13 Transaction time/date	This application has the ability to show the transaction time along with the date on which it was created.
14 Currency symbol	This application has many currency symbols as per user requirements.
15 Reminder	This application has the option to set a reminder to make the transaction.
16 Delete account	This application will generate PDF reports of the transactions.
17 PDF report	This application has the option to view and filter transactions by day, month and year.
18 Note	This application has the option to add a note about income and expenses.