

# Personal Expense Tracker Application

## Problem statement:

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 about money management.

Personal finance applications will ask users to add their expenses and based on their expenses wallet balance will be updated which will be visible to the user. Also, users can get an analysis of their expenditure 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.

## Abstract:

Expense Tracker is a day-to-day expense management system designed to easily and efficiently track the daily expenses of unpaid and unpaid staff through a computerized system that eliminates the need for manual paper tasks that systematically maintains records and easily accesses data stored by the user.

We have tried to design the window application in such a way that the user does not have to bother using this application without much effort. End users with window running devices can use this software. The language databases we use to develop this system are Java (Apache Netbeans 11.3) and MySQL Workbench 8.0 CE.

This application is a GUI (Graphics User Interface) based application. If you are a window user, you can download the application and work accordingly. This system is used by any person to control his income expenditure from daily to annual basics. And to keep an eye on their spending. This app is very easy to use and multi-language.

The main feature of this app is that you can track by day and category. You can use it according to your category. Keywords: literature review, problem formulation, equipment used for implementation, features, features of the proposed system, architectural design for utility method, details of project module, implementation plan and reference

**Tools Required:**

IBM Cloud, HTML, Javascript, IBM Cloud Object Storage, Python -Flask, Kubernetes, Docker, IBM DB2, IBM Container Registry.

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