

PROBLEM STATEMENT
SRI KRISHNA COLLEGE OF ENGINEERING AND
TECHNOLOGY

Department of Information Technology

IBM NALAIYA THIRAN

TITLE : Personal Expense Tracker Application

TECHNOLOGY : Cloud Application Development

DOMAIN NAME : Banking and Finance

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- ✓ Personal finance entails all the financial decisions and activities that a Finance app makes life easier by helping the user to manage their finances efficiently.
- ✓ A personal finance app will not only help them with budgeting and accounting but also give helpful insights about money management.
- ✓ The price tracker is an web app which runs on all web platforms. It allows person to control all their expenses in an effective manner and it helps to budget and save money.
- ✓ This might avoid price range managing problems and offers us green effects on our savings. In everyone's life, cash performs an essential role.

- ✓ A person who can't control his costs can't efficiently lead a household and satisfy his goals. In the present day global where mobile telephones and laptops have come to be part of living, such an app might be available to address all our costs.
- ✓ An individual commonly can't preserve a record of all his expenses through the conventional pen and paper technique and might miss some of his small expenses and might even miss some bills.
- ✓ Such a scenario will in no way rise up while we use an app. We could make smooth comparisons through seeing the graphs, that's not possible with inside the rigorous methods.
- ✓ In this scope of this project, we focus on some algorithms for expense Tracking one using pie-chart & bar graphs and another using notifications.
- ✓ To build a web applications which uses a cloud object storage , trained on calculating the expenses ,and get the prediction of amount saved when an income is given ,by using IBM container registry to efficiently curb out the following constraints:
 - Tracking expenses in daily basis ,which shows how the income is spend.
 - By monitoring the spending which make sure all monthly expenses are covered.
 - By tracking we can see and avoid unnecessary spendings.
 - It will help to save money for future use.
 - It provides an alert message when it exceeds the limit ,and this system will help us from suffering at the end of the month.

What is the Impact of the Issue?

People will be unaware of their daily expenses which can lead to unnecessary expenditure and not proper savings can be done.

What would happen if we didn't solve the problem?

Financial crisis may occur

What would happen when it is fixed?

we can reduce unwanted daily expenses, we can save money in a better manner, daily expenses can be tracked, alerts when we are shortage of money.

Why it is important that we fix the problem?

Proper savings can be done and we can reduce the daily expenses and the application gives proper analysis of our expenditure and income. It reduces man power for accounting and financing the money, human errors can be eradicated.