LITERATURE SURVEY

Title	**Personal Expense Tracker Application**
Team ID	PNT2022TMID03112

Team Size : 4

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Personal expense tracker is a software or application that helps to keep an accurate record of users money inflow and outflow.This application allows users to track their expenses so that they do not exceed their budget.This mobile application is a full detailed expense tracker tool that will not only help users keep a check on their expenses, but also cut down the unrequired expenses, and thus will help provide a responsible lifestyle.It plays an important role in order to maintain financial stability.

1.Budget Estimator Android Application

Budget Estimator is designed to manage the application user's daily expenses in a more efficient and manageable way.By using this application we can reduce the manual calculations for their daily expenses and keep the track of the expenditure. This project is about mobile application Expenses system with geo-location tracking, Based on the location of the user, it using Google Places, to check, the available store in the area, provides a notification for offers purpose, In term of security design, this system may implement a login authentication such as OTP message to your mobile device, this function may bring more security confidence to user.

2.Family Expense Manager Application

The user can make use of this application in his/her daily life. After being used, it becomes routine to examine and update daily costs and family expenses. This helps to keep track of expenses and manage it for the user as they are very busy in their schedule, they are not able to keep track of their incomes and expenses.

3.D2D Expense Tracker Application

D2D is a humanoid app that the customers will run on their smartphones to update their daily spending.Here the user will create their own categories for expenses such as food, clothing, rent, and bills where they need to enter the money that has been spent and can also add some information in further details to specify the expense.User are able to see chart of expense.It gives data of "who owes who and by how much".

4.Personalized Expense Managing Assistant using Android

Some of the features include allowing users to sign up for the app using an existing email address or social media account, which will synchronize the user's profile information with the app. In addition, the application can be used to collect samples of user expense data with their permission and utilize those samples as benchmarks to evaluate spending habits.Using some data mining techniques expenses can be classified and can be used in market analysis and planning.

5.Researches of Nandha and Anna University(2016) created an android version of expense manager in which they used post and remark techniques for underlining the expenses and some of the data mining features for analyzing the market value well.

6.Intelligent Online Budget Tracker

The development of this application has been conducted in a stepwise manner using the well-defined methodology, RUP, customized according to the requirements of the system. Most of the goals set at the start of the development phase have been met. Security problems like web security or network security have also been treated in the design and development of the system, thus increasing the reliability of the system. Quality management issues have also been handled satisfactorily.

7.YNAB application

   YNAB is an expense tracker that automatically tracks our expenses
through our bank account or credit card.This app is mobile friendly and it is embedded with
Artificial Intelligence to define and manage our daily expenses.It does not provide any
detailed information about external costs.

8.Online Income and Expense Tracker

  This works more efficiently than other income and expense tracker.In this application the
modules are developed in an attractive and in an efficient manner.It reduces the manual
calculation for calculating income and expense per month.

9.Researchers of Mother Terresa university,Andhra Pradesh(2019) proposed an online
income and budget tracker in a website mode but that project used csv mode to store
data.The main drawback of this application is that it cannot handle the data efficiently and it
was not user friendly.

10. Mobiwik Expense Tracking Application

   Mobiwik came up with a new feature called Expense Manager.This feature allow the
users to track and manage user's expenditures,savings,reminders and bill payments.The
main idea behind developing this feature is giving users a clear picture that how much they
are spending and where they are spending and when.It tracks the expenditures and income
and gives recommendations to make economically strong.