

**TEAM ID : PNT2022TMID03120**

**LITERATURE SURVEY :**

**I) SPENDING TRACKER : A Smart Approach to Track Daily Expenses**

**Authors:**

UP Singh, AK Gupta, Dr. B. Balamurugan

**Description:**

In this paper, a Java GUI based application was proposed to assure that it will help its users to manage the cost of their daily expenditure. It will guide them and aware them of their daily expenses. The proposed design contained the basic modules for adding and viewing expenses, managing expense categories. Supports CRUD operations on expense data.

**Year:**

2021

**Technologies:**

Java

**Pros:**

- Category-wise management of expenses
- Daily, monthly, annual basis tracking
- Simple and user-friendly

**Cons:**

- Lack of visual analytics for expense data
- Lack of support for splitting group expenses

II)

Title:

- Supports manual data monitoring only

## **EXPENSE TRACKER APPLICATION**

**Authors:**

Velmurugan.R , Mrs.P.Usha

**Description:**

This is an android based application that allows users to maintain a computerized diary to track expenses on a day-to-day basis to stay on budget and know expenses that are represented via a graphical representation with special features of distributing expenses in different categories suitable for the user.

**Year:**

2021

**Technologies:**

Java, XML, and MySQL

**Pros:**

- Has various components of updating and viewing users expenditure
  - User can track his expenses by choosing a day and using various filtering options to study expenses
  - Visualization using pie chart with percentage view shows graphical representation
- Cons:
- Doesn't support upcoming android versions.
  - If a particular data is deleted, it cannot be viewed again.
  - Statistics about income and expense detail of user can be prepared.

III)

Title:

## **STUDENT EXPENSE TRACKING APPLICATION**

**Authors:**

Saumya Dubey , Pragya Dubey , Rigved Rishabh Kumar , Aaisha Khatoon

**Description:**

This is an android application which is used to track the daily expenses of a student. It is like a digital diary that keeps a record of expenses done by a student. The application keeps track of money spent and the earnings of both of the students on a day-to-day basis. It also has the feature that it gives warning messages if we are exceeding our expenses and hence, we can limit our expenses and avoid overspending. If you spend less money than the daily expense allowed amount, the money left after spending is added into the user's savings.

**Year:**

2022

**Technologies:**

Java

**Pros:**

- This approach effectively keeps away from the manual figuring for trying not to ascertain the pay and cost each month.
- user-friendly

**Cons:**

- It does not provide any analytics.

IV)

Title:

## **EXPENSE TRACKER USING STATISTICAL ANALYSIS**

**Authors:**

Muskaan Sharma, Ayush Bansal , Dr. Raju Ranjan , Shivam Sethi

**Description:**

In this paper , an approach has been proposed on how to efficiently manage house-old budget. This application will allow users to keep track of their expenses. This novel expense tracker uses statistical analysis which is going to keep a track of your expenses and would even give you results accordingly.

**Year:**

2021

**Technologies:**

Java

**Pros:**

- This Tracking application generate a statistical analysis of your expenses in a more sorted and easier to understand way.
- It has Smart Analytics like If expenditure is greater than the income then it will calculate how much expenditure should be made next time to balance it all out.
- It shows the history chart of 6 months with graphical Representation

**Cons:**

- Suitable for only Personal use.
- It does not incorporate a shared expense group.

V)

Title:

## **BUDGET ESTIMATOR ANDROID APPLICATION**

### **Authors:**

Namita Jagtap, Priyanka Joshi, Aditya Kamble

### **Description:**

The system known as Budget Estimator is designed to manage the application user's daily expenses in a more efficient and manageable way. 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. To reduce manual calculations, we propose an application which is developed by android. This application allows users to maintain a digital automated diary.

### **Year:**

2021

### **Technologies:**

Java

### **Pros:**

- In this paper, an algorithm was proposed to show offers in nearby places using geo-location tracking.
- This mobile application with 2-step verification method provides the security to the users.

### **Cons:**

- Suitable for only Personal use.
- It does not provide any analytics.

VI)

Title:

## **SAWANT-EXPENSE TRACKER**

### **Authors:**

Atiya Kazi, Praphulla S. Kherade , Raj S. Vilankar , Parag M

### **Description:**

In this approach ,the application keeps track of the Income and Expenses of both users on a day-to-day basis. This application takes the income of a user and manages its daily expenses so that the user can save money. If you exceed the daily expense allowed amount it will give you a warning, so that you don't spend much and that specific day. If you spend less money than the daily expense allowed amount, the money left after spending is added into the user's savings. The application generates report of the expenses of each end of the month

### **Year:**

2021

### **Technologies:**

### **Pros:**

- This approach effectively keeps away from the manual figuring for trying not to ascertain the pay and cost each month.
- user-friendly

### **Cons:**

- It does not provide any analytics

VII)

Title:

## **ONLINE INCOME AND EXPENSE TRACKER**

### **Authors:**

S. Chandini, T. Poojitha, D. Ranjith, V.J. Mohammed Akram, M.S. Vani, V. Rajyalakshmi

### **Description:**

It is a web application which is helpful to manage out income and expense as a daily or periodically or else whenever we want to remind and acts as an indicator or reminder example in the fastest world which we can't able to remember what are the things we have to do for the end of month and what are the payments we have to pay for the particular month.

### **Year:**

2019

### **Technologies:**

HTML ,CSS, Javascript.

### **Pros:**

- User friendly and data is maintained efficiently
- Generates report at the end of week or month to show Income-Expense via multiple graphs
- There is also an option to view owe and lend expenses which adds or gets deducted from the overall budget according without bothering the user

### **Cons:**

- Does not provide any option to handle shared expense of a group
- Effort has to be made to include each and every transaction into the input field