

# Ideation Phase

## Literature survey

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Team ID	PNT2022TMID49997
Project Name	Personal Expense Tracker Application

### Introduction:

Expense Tracker is a web application that facilitates the users to keep track and manage their personal as well as business expenses . This application helps the users to keep a digital diary . The monthly, and year-wise comparison of expenditures will be done by the app which will let the user know the area where he is spending the most . With the help of this application user can maintain a digital record of their own expenses and alert them with a email if the expenses exceed.

### Good budget expense tracker

- ✓ It has a web-based version, and also offered in both the App Store (for iOS) and on Google Play (for Android)
- ✓ Allows users to plan their household's pending using the "envelope method," where they allocate a certain amount of their income into categories like groceries, rent and debt payoff.
- ✓ Users are only supposed spend what's in their envelopes and if they go beyond their budget the envelope will show red to indicate that they overspent.

### Good budget pros:

- Affordable
- Supports multiple devices
- Provides reports
- Supports multiple users
- Can import bank transaction files

### Good budget cons:

- Limited free plan
- Requires manual logging
- Takes time to use
- Limited features

## **Mint**

- ✓ The app provides several features to monitor and analyze your personal finances, including personalized insights, customizable budgets and subscription monitoring.
- ✓ The standout features of Mint are the customizable budgets and alerts. Additionally, Mint provides alerts for bank fees or upcoming bills due.

### **Mint pros:**

- Customizable budgets
- Free credit score tracking
- Customizable alerts for upcoming bills and potential bank fees
- Desktop platform available

### **Mint Cons:**

- Connectivity issues with some financial accounts
- Ads within the app can be bothersome

## **Pocket guard**

- ✓ PocketGuard is an effective budgeting app for its ability to show the simple numbers: how much you have, how much your bills are and how much is left over.
- ✓ The app also shows you in a helpful customizable pie chart which expenses are taking up most of your budget.
- ✓ To help remind yourself of possible overspending, you can establish spending limits directly in the app.

### **Pros:**

- Ability to integrate bank accounts from thousands of institutions
- Real-time spending availability for specified categories
- Build custom budgets and set goals for savings

## **Cons:**

- Some features are only available to paid users
- PocketGuard website is challenging to navigate

## **Spendee**

- ✓ Spendee is a mobile application for managing personal and family finances.
- ✓ Interactive graphs and infographics clearly show input and output financial flows.
- ✓ At the beginning of 2020, the application has over 2 million registered users from more than 170 countries.
- ✓ Official Web:<http://spendee.com>

## **pros:**

- Convenient, one device management of all your financial data, including cryptocurrency
- User-friendly interface with colored infographic charts to visually represent and breakdown your spending habits
- Customizable features- set up alerts to notify you when you have gone over budget or monthly reminders to pay your bills
- Affordable and customizable for however you choose to budget
- Option to connect multiple checking accounts, like a family plan but for your finances so you know who paid for what and how much was spent in total

## **cons:**

- Cannot be synchronized with all bank accounts: It depends if the financial institutions allow Spendee to do so. If yours is left out, you will manually have to input the details of each transaction you've made. This is either a pro or a con, depending on how you want to track your finances.

## Existing System:

