

# Literature Survey

*Almost all of us have a fixed income source like salary or pocket money and we get it on time. Also everyone has a strict budget of their expenses. Some of the expenses are non-negligible like educational expenses, health regarding expenses etc. Generally the expenses vary according to the categories like food, sports, entertainment, transport, clothing, etc. However the expenses are limited to our income. That's why it is necessary to track all our money to avoid financial blunders.*

## **Expense Manager Application**

**(Velmurugan, J. Albert Mayan, P Niranjana, Richard Francis)**

In this paper, they develop a mobile application developed for the android platform that keeps record of user personal expenses, his/her contribution in group expenditures, top investment options, view of the current stock market, read authenticated financial news and grab the best ongoing offers in the market in popular categories. The proposed application would eliminate messy sticky notes, spreadsheets confusion and data handling inconsistency problems while offering the best overview of your expenses. With this application user can manage their expenses and decide on their budget more effectively.

## **Student Expense Tracker Application**

**(Saumya Dubey, Pragya Dubey, Rigved Rishabh Kumar, Aaisha Khatoon)**

This application keeps track of money spent and the earnings both of the student on day-to-day basis. This application helps the user to easily calculate his/her expenses on daily basis and he/she has not to write down every transaction on paper and do the hectic calculation, it simply makes the task easier. It also has the feature that it gives warning messages if user are exceeding on our expenses and hence, we can limit our expenses and avoid overspending. If user spend less money than the daily expense allowed amount, the money left after spending is added into user's savings. The amount of money saved can be used for celebrating birthday, festivals.

## **An Expense Tracking Application using Image Processing**

**(Nupur Sawarkar, Pranay Yenagandula, Devang Shetye, Prof. Shruti Agrawal )**

They present an intelligent expense tracker to efficiently manage the monthly expenses. This system will help everyone who are planning to know their expenses and save from it. The user will be given the facility to set a monthly limit and if the user crosses that limit our app will notify the user about the same. The user can give receipts as an input, using AI our app will sort it into different categories. Here user can also define their own categories like food, clothing, rent and bills and the user can also set limits for a particular category. User will be provided with visual statistics of expenses by transaction date or by category. This project is not indented for a particular user or age group but anyone and everyone who wants to track their expense can use this app. So, the general idea of this Project is to help people view and study their overall expenditure pattern by developing a mobile application to analyse

all the purchases made by the user by simply scanning the receipts.

### ***Mint: Expense Tracker Application***

User have to sign up and connect their primary account to their Mint account. The Mint account can connect to almost any US financial institution and can help users to create and manage budgets within their dashboard.

When user connect bank accounts, the app will extract all the transactions and data history he/she made in the last months.

The Mint dashboard is broken down by overview, transactions, bills, budgets, goals, trends (reports), investments, and Ways to Save tab. From there user can view all the account balances, next bills, activity warnings, bill alerts, budget details, financing objectives, credit score, and more.. With the budget tab, user can set spending limits for certain transaction categories, Mint will send user an alert when you get close or are over your limit. To promote saving and encourage better personal finance, Mint recommends a variety of credit card deals, insurance, investment options, and other financial instruments reading the user transaction history and spending trends. Mint also supports its users in managing their 401(k) or IRA and even proposes brokerages.