

## LITERATURE SURVEY

TITLE	AUTHOR	DATE	PROBLEM SOLUTION
ExpenseManager: An Expense Tracking Application using Image Processing	Nupur Sawarkar, Pranay Yenagandula, Devang Shetye, Prof. Shruti Agrawal	2022	Image processing libraries-OpenCV and PIL to recognize the text in scanned receipts and bills. The input receipts were successfully processed to give necessary outputs such as date of transaction, item name and cost of the item. This extracted data was satisfactorily sorted into different categories and was displayed to the user in the form of bar graph as shown below.
Expense Tracker	Prof Miriam Thomas, Lekshmi, Dr. Mahalekshmi	2020	maintain the Excel sheets, CSV etc. files for the user daily and monthly expenses. In existing,there is no as such complete solution to keep a track of its daily expenditure easily. To do so a personas to keep a log in a diary or in a computer, also all the calculations needs to be done by the user which may sometimes results in errors leading to losses.
Expense Tracker Application	Velmurugan.R , Mrs.P.Usha	2021	This application allows the user to maintain a computerized diary. Expense tracker application which will keep a track of Expenses of a user on a day-to-day basis. This application keeps a record of your expenses and also will give you a category wise distribution of your expenses. With the help of this application user can track their daily/weekly/monthly expenses.
Spending Tracker: A Smart Approach to Track Daily Expense	Aishwarya R Gowri	2020	This system is used by any person to control his income-expenditure from daily to annual basics. And to keep an eye on their spending. This app is very easy to use and have multi-language features. The main feature of this app is that you can track your expense by the mentioning date, month and year. You can use it to maintain your expenses and also enhance your savings.
Expense Manager Application	Velmurugan A, Albert Mayan J , Niranjana P	2021	Reduction in the errors of blood banks using the most eligible donor method. Direct Communication Between donor and the

	and Richard Francis4		person in need of blood During the Emergency situation. The user given details are maintained unverified.
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