



# PERSONAL EXPENSE TRACKER

## TEAM MEMBERS

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# PROBLEM STATEMENT



- Expense Tracker is a simple web application to manage and document day to day expenses all along with providing a nice overview of the monthly statistics on the categories of different consumptions .It's a responsive web application that works great with various devices and browsers.
- It is beneficial to manage our income and expenses on a daily, weekly, or monthly basis, or whenever we want to remind ourselves.



# EXISTING SOLUTIONS

- S. Chandini, T. Poojitha, D. Ranjith, V. J. Mohammed Akram, M. S. Vani, V. Rajyalakshmi, “Online Income And Expense Tracker”, International Research Journal of Engineering and Technology (IRJET), Volume: 06 Issue: 3, E-Issn: 2395- 0056, P-Issn: 2395- 0072 (March 2019).
- Atiya Kazi, Praphulla S. Kherade, Raj S. Vilankar, Parag M. Sawant, “Expense Tracker”, Iconic Research And Engineering Journals(IREJ), pp.19-21, May 2021.
- S. A. Sabab, S. S. Islam, M. J. Rana And M. Hossain, " eExpense: A Smart Approach To Track Everyday Expense," 4th International Conference on Electrical Engineering and Information & Communication Technology (Iceeict), 2018, Pp. 136-141, Doi:10.1109/Ceeict.2018.8628070.
- Yash Veer Singh, Dhirendra Yadav, Kunal Singh,“ Group Expense Tracker ”,International Research Journal of Engineering and Technology (IRJET) ,Volume: 07 Issue: 06, E-Issn:: 2395-0056 , P-Issn: 2395-0072 (June 2020).

# INFERENCE



- It was learnt that user can perform some of the basic operations like add expenses, add category, filter transaction view and can view the analytics graphically.
- User can have multiple accounts and can download the report in pdf format so that user can have report in printed format .
- It was learnt that if a user exceed daily expense allowed amount it will give a warning, so that user don't spend much on that specific day.
- It was also learnt that if the spend is less than the daily expense allowed amount, the money left after spending is added into user's savings.



# OUR IDEAS

- We aim to design an Expense Tracker web app which is used to manage the expenses and aims to save for the future investments.
- User can track the income & expense and can visualise it graphically.
- The Application will notify the user when it detects any abnormal spend.
- The salient features of the expense tracker are that users can access it anywhere and anytime , least scope of data loss and controlling expenses through awareness.
- Our web application allows users to save their expense by simply scanning the bills or receipt copies. The application extracts the textual information from the receipts and saves the amount and description for further processing.
- The web application can monitors user's income by tracking the received SMS's from the user's saving accounts. By calculating income and expense it produces the user's balance in monthly and yearly basis.



# SOFTWARE REQUIRED

The proposed web application can be implemented using ,

- Vscode
- ReactJs
- HTML
- CSS
- JAVASCRIPT