

# An Android Application for Calculating Trip Expenses Using Firebase

Sai Lokesh G<sup>1</sup>, Balaji B<sup>2</sup>, R. Reena<sup>3</sup>

Students, Department of Computer Science and Engineering<sup>1,2</sup>

Associate Professor, Department of Computer Science and Engineering<sup>3</sup>

Prince Shri Venkateshwara Padmavathy Engineering College, Chennai, India

**Abstract:** *Tracking daily expenses is not so innovative. Many conventional and technical methods for tracking our costs and budgeting have been developed. To compute profit or savings, we used to write down our expenses in the register, which we still do today. Furthermore, numerous desktop and mobile programmes have been created specifically for this purpose. Budget revenue, on the other hand, limits spending. As a result, we must keep track of our spending to ensure that we do not go over budget. People used to manually track their expenses, which was extremely time consuming and tedious. We developed an application in which the user can enter her expenses in the category of her choice using a category button. The user can also delete and amend the categories as needed. It is designed to track daily paid and unpaid expenses using a computerised system, eliminating the need for laborious paper work. It helps in easy access of data stored by the user.*

**Keywords:** Android Studio, Firebase, Google Map, Expenses, Trip

## REFERENCES

- [1]. Hrithik Gupta, Anant Prakash Singh - Expense Tracker : A Smart Approach to Track Everyday Expense - December 2020
- [2]. Angad Manchanda - Expense Tracker Mobile Application - December 2012
- [3]. J. Consumer Res., 23, C. HEATH AND J. B. SOLL - Mental budgeting and consumer decisions - 1996
- [4]. App on Google Play - Money Lover: Budget Planner, Expense Tracker
- [5]. Denis.E.Yurochkin, Anton.A.Horoshiy, Savelyi.A.karpukhin - Development of an application on expense accounting - 2021 IEEE Conference of Russian Young Researchers in Electrical and Electronic Engineering (ElConRus) – April 2021
- [6]. App on Google Play - Daily Expense 3

