

601

VISVESVARAYA TECHNOLOGICAL UNIVERSITY,
BELAGAVI



A MINI PROJECT REPORT ON
EXPENSE TRACKER APP

Submitted By

NEERAV V PATEL 4AL21CS084

RESHNA NANDIPI 4AL21CS115

Under the Guidance of

Mrs. Deeksha M

Sr. Assistant Professor



DEPARTMENT OF COMPUTERSCIENCE & ENGINEERING
ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY
MOODBIDRI-574225, KARNATAKA
2023 – 2024

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

MIJAR, MOODBIDRI D.K. -574225

KARNATAKA



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that, the Mini Project entitled “Expense Tracker App” for the subject code 21CSMP67 has been successfully completed and report submitted by Neerav V Patel (4AL21CS084) during the academic year 2023– 2024. It is certified that all corrections/suggestions indicated presentation session have been incorporated in the report and scored 94 Marks out of 100.



Mrs. Deeksha M

Sr. Assistant Professor

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

MIJAR, MOOBBIDRI D.K. -574225

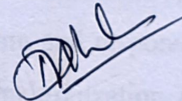
KARNATAKA



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that, the Mini Project entitled “Expense Tracker App” for the subject code 21CSMP67 has been successfully completed and report submitted by Reshna Nandipi (4AL21CS115) during the academic year 2023– 2024. It is certified that all corrections/suggestions indicated presentation session have been incorporated in the report and scored 94 Marks out of 100.



Mrs. Deeksha M

Sr. Assistant Professor

ABSTRACT

In an increasingly digital world, managing personal finances effectively is essential yet often challenging. The proposed solution is to develop an intuitive expense tracker app that empowers users to effortlessly manage their finances, offering real-time insights and customizable budgeting tools to promote financial health and accountability. This app will be developed using Flutter for the frontend, Firebase for backend services, and SQLite for local data storage on Android devices. The core features of the app include the ability to add expenses quickly, generate detailed expense reports, set and view monthly budgets, manage expense categories, and receive notifications for various financial activities. Additionally, the app supports recurring transactions to streamline tracking of regular expenses.

By leveraging the powerful capabilities of Flutter, the app will provide a seamless and engaging user experience across different devices. Firebase will ensure secure and efficient handling of user data and real-time synchronization, while SQLite will provide robust local data storage for offline access. This combination of technologies will deliver a reliable and user-friendly financial management tool that helps users maintain control over their financial health.

To deliver these features efficiently and effectively, the app will be built using Flutter for developing a high-performance, cross-platform user interface that is both visually appealing and responsive. Firebase will provide a robust backend infrastructure, enabling real-time data synchronization, user authentication, and secure cloud storage. SQLite will be used for local data storage on Android devices, ensuring that users can access and manage their financial information even when offline. By leveraging these technologies, the app will offer a seamless and engaging user experience, making financial management intuitive and accessible.