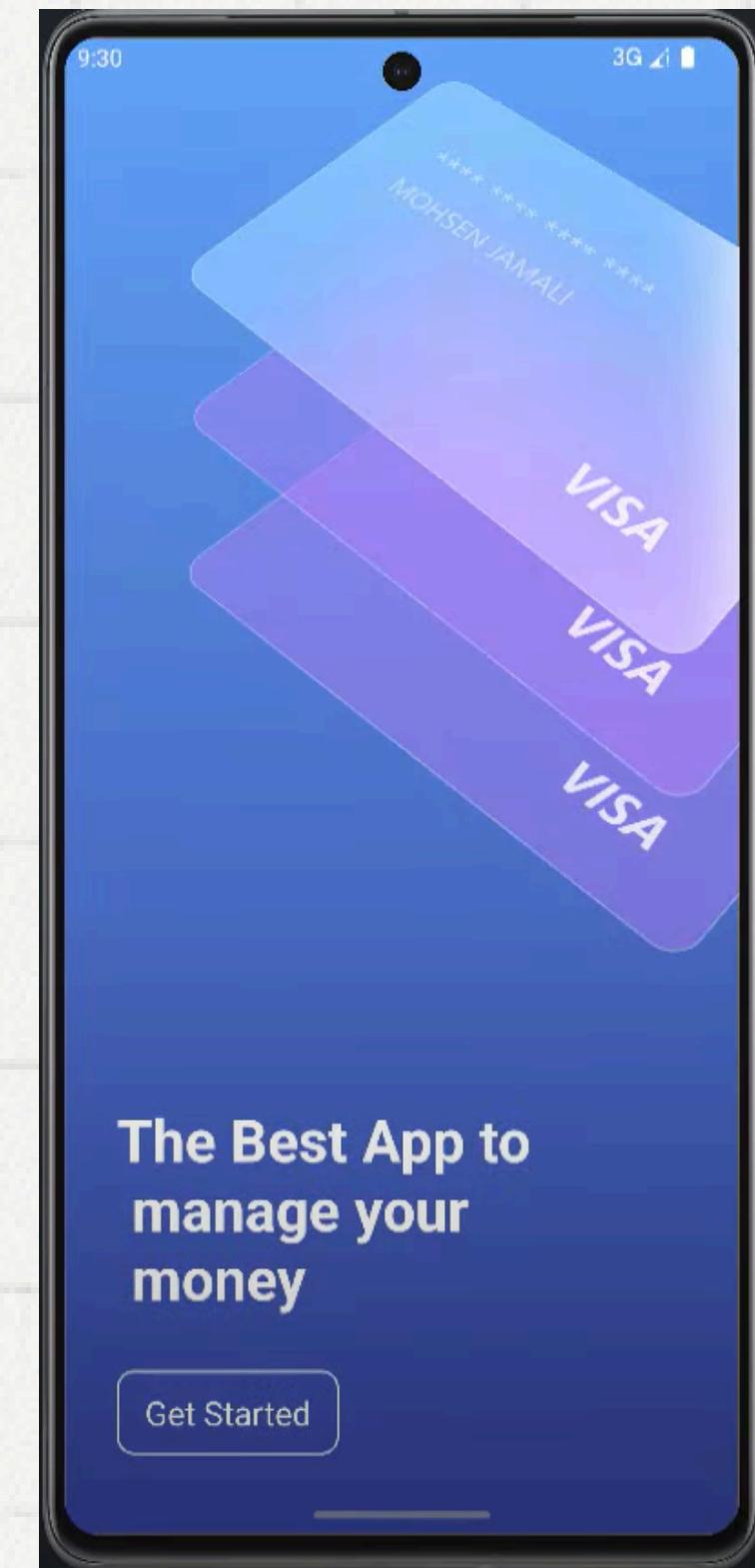


# **FinTrack – Personal Finance Tracker App**

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(00201172023)**

# Introduction

- FinTrack is a personal finance tracker app that helps users manage their income, expenses, and savings. It features an intuitive UI and a data-driven approach to assist users in achieving financial goals.
- In today's fast-paced world, managing finances is critical for individuals to achieve financial stability. FinTrack aims to simplify this process by offering features like visual expense breakdowns, savings goals, and reminders for upcoming bills.



# Problem Statement

Managing personal finances is challenging due to a lack of simple, user-friendly tools for tracking expenses, budgeting, and savings. This often leads to inefficient financial planning and missed goals.

## Goal:

To develop FinTrack, a user-friendly app for tracking income, expenses, budgets, and savings, empowering users to achieve their financial goals with ease and clarity.

# System Requirement Analysis

## 1. Functional Requirements:

- a. User authentication (sign-up, login, OTP via Firebase).
- b. Add, edit, delete income and expenses with categories.
- c. Set budgets and receive notifications.
- d. Track savings and monitor goals.
- e. Dashboard with graphical insights (income, expenses, savings).

## 2. Non-Functional Requirements:

- a. User-friendly interface with responsive design.
- b. Data security using Firebase Realtime Database.
- c. Reliable and fast performance.
- d. Cross-device accessibility.



# How the App Solves This Problem?

The travel app tackles this by:

01

Expense Tracking: Allows users to log and categorize income and expenses, ensuring transparency in financial activities.

02

Budget Management: Helps users set spending limits and notifies them when they approach or exceed their budgets.

03

Savings Monitoring: Tracks savings progress and assists in achieving financial goals effectively.

04

Data Insights: Provides visual dashboards and reports for better understanding and decision-making regarding finances.



# System Analysis

## Feasibility Study:

- **Economic Feasibility:** The app is cost-effective as it uses open-source tools like Kotlin and Jetpack Compose, with Firebase offering free tiers for initial development.
- **Implementation Feasibility:** The system leverages scalable technology (Firebase) and is compatible with Android devices, ensuring easy deployment and usage.

# Work Description

## Phase 1: Planning



- Defined the problem statement and app requirements.
- Outlined features like task creation, editing, deadlines, and Firebase integration

## Phases

## Phase 4: Testing & Deployment



- Conducted functionality and usability testing to ensure performance.
- Deployed the app on Android devices for user accessibility.

## Phase 2: Design



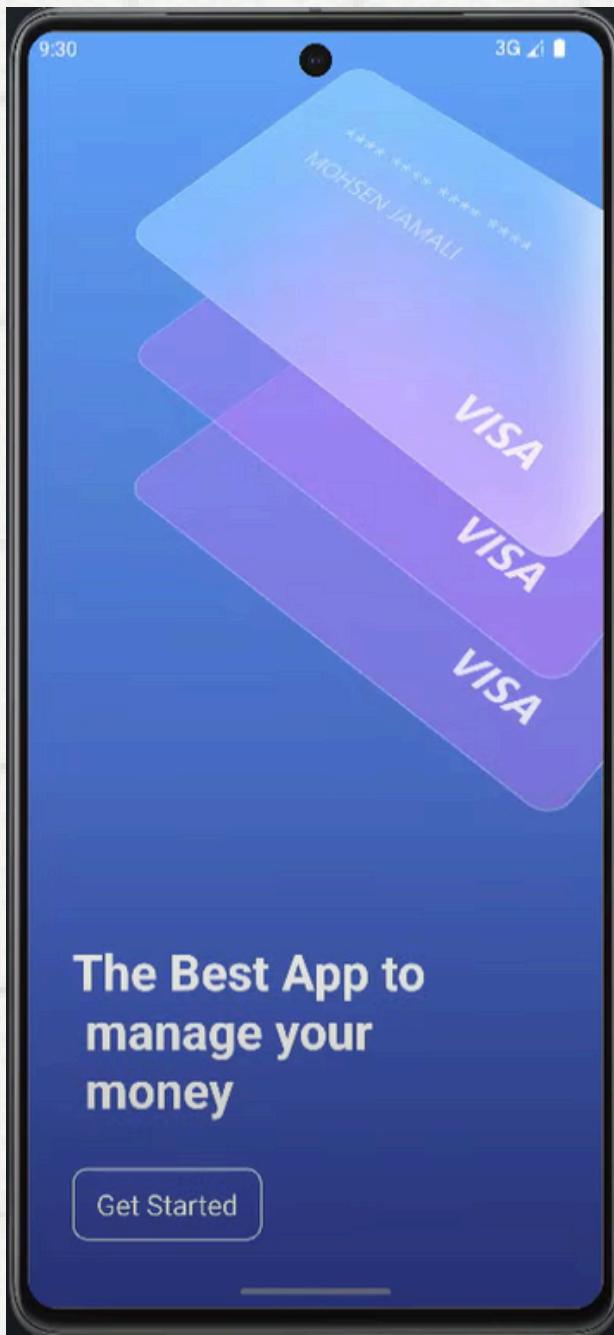
- Created UI designs using Jetpack Compose for an intuitive user experience.
- Established a database structure for task management with Firebase.

## Phase 3: Development

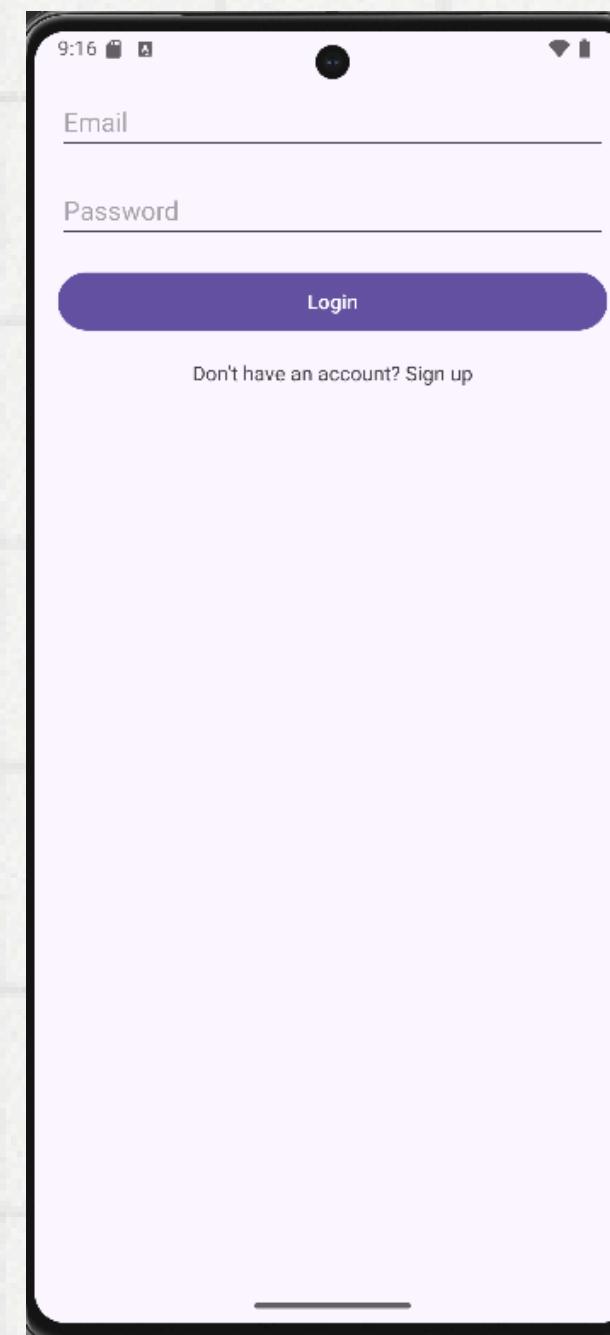


- Implemented core features (task CRUD operations, deadlines, prioritization).
- Integrated Firebase for cloud storage and real-time syncing.

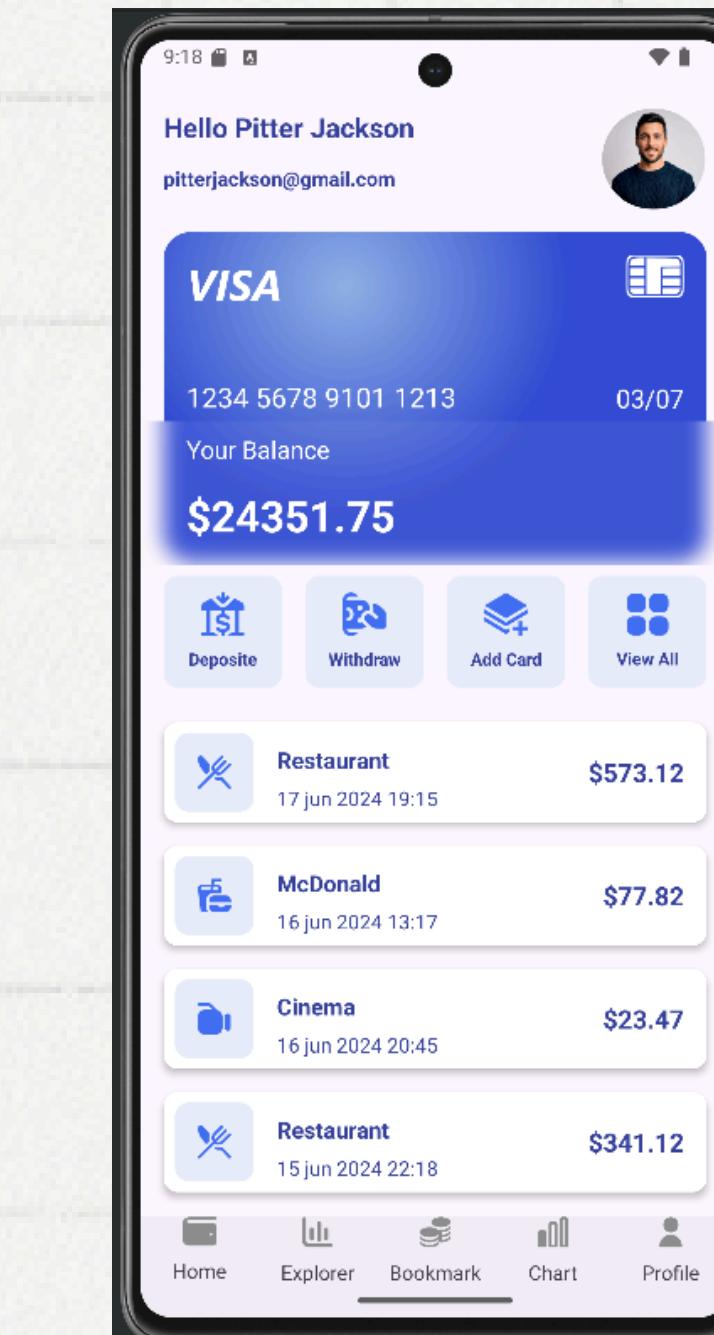
# Let's Go Through The Application:



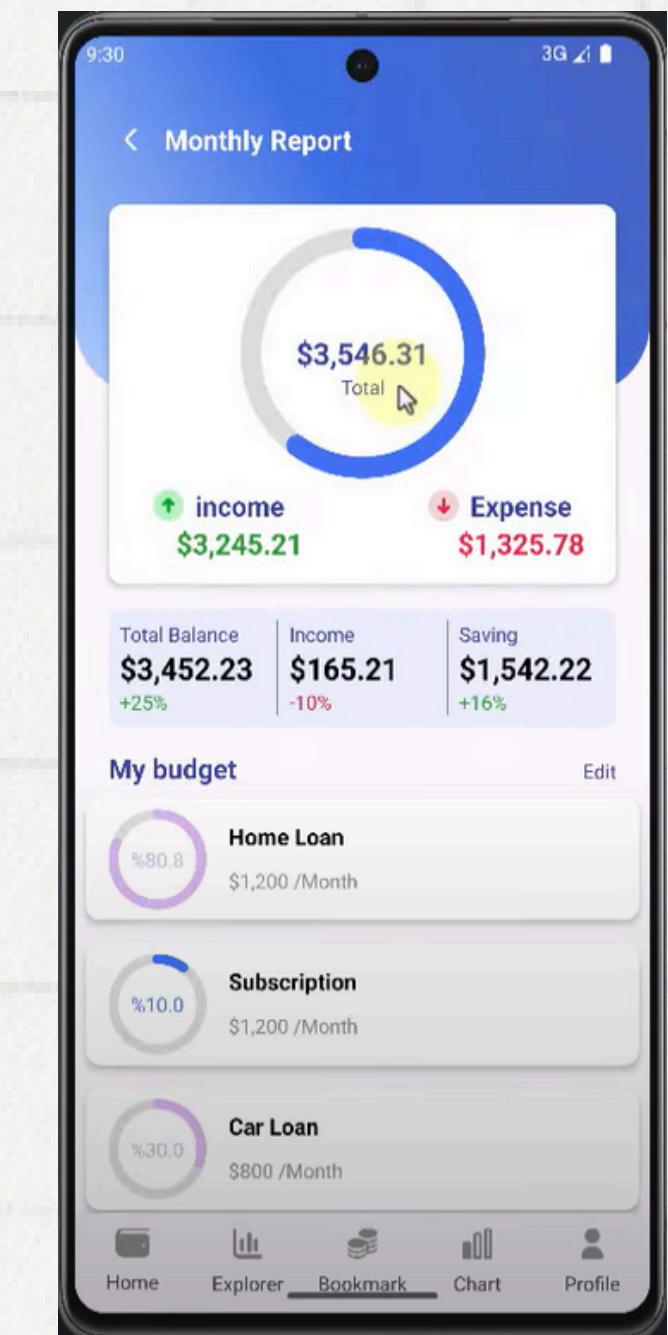
Getting Started Page



SignUp/Login page



Home Page



Monthly Report



# Conclusion

- FinTrack App provides a seamless platform for tracking finances
- Successfully implemented and ready for future updates.



**Thank you  
very much!**

# Any Questions?

GITHUB Repo link:

[Link to the repository](#)