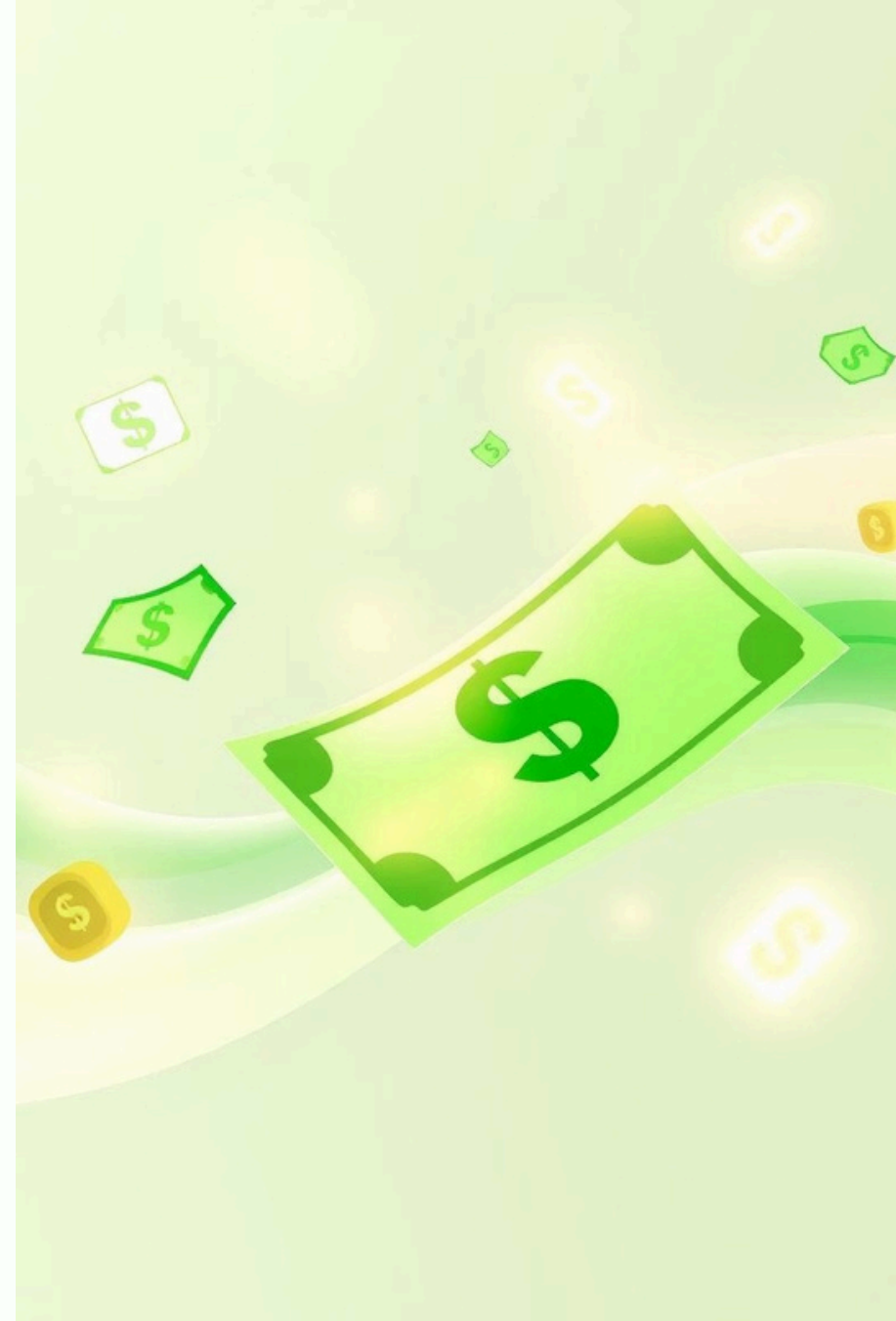


Recurring Expense Tracker:

This project streamlines personal finance by automating expense tracking.

It highlights the importance of managing recurring costs efficiently.

By, Varsha T 220701309



Problem Statement Existing System

Manual Tracking Issue

Time-consuming and prone to errors.

Current Solution

Spreadsheets and generic apps lack automation.

Inefficiency

Missed subscriptions and late fees cause financial loss.

Manual expense systems Automate expense systems

Manual Expense Systems



Manual expense tracking is tedious, time-consuming, and prone to errors. It often involves a lot of paper work and manual data entry.

Challenges:
Manual expense tracking is tedious, time-consuming, and prone to errors. It often involves a lot of paper work and manual data entry.

Manual expense tracking is tedious, time-consuming, and prone to errors. It often involves a lot of paper work and manual data entry.

Manual expense tracking is tedious, time-consuming, and prone to errors. It often involves a lot of paper work and manual data entry.

Expense Benefits



- Organized digital files

- Automated expense tracking

Automated expense tracking is a more efficient and accurate way to manage expenses. It allows for easy tracking of expenses and provides a clear overview of spending.

Automated expense tracking is a more efficient and accurate way to manage expenses. It allows for easy tracking of expenses and provides a clear overview of spending.

Proposed Methodology Technical Stack

Development Approach

Agile process with iterative design and testing ensures quality.

Technical Stack

- Kotlin for Android development
- Room for data persistence
- Coroutines for async programming
- Material Design for UI
- Google Play Services for auto-backup (optional)

Build Configuration

APK requirements and Gradle properties optimize the build process.

Application Use Case

- Track subscriptions, bills, and utilities easily
- Set budgets and monitor spending actively
- Forecast future expenses via trend analysis

Example: Manage payments for Netflix, Spotify, rent, and gym memberships.



Project Execution Output

User Action

Add, edit, and categorize recurring expenses smoothly.

Data Visualization

Charts reveal spending patterns and monthly summaries.

Sample Output

Monthly expense report highlights key recurring costs.

T i e C o t E t i a t i o



T i e

Estimated 3 months
development period



C o t

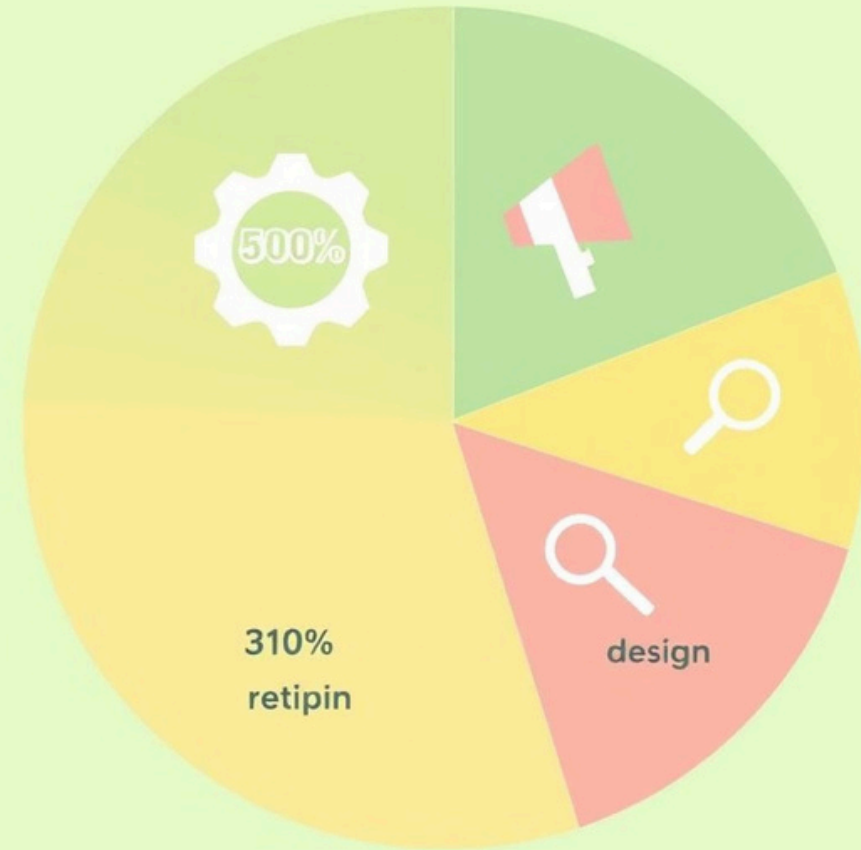
\$6500 total:
development, testing,
marketing

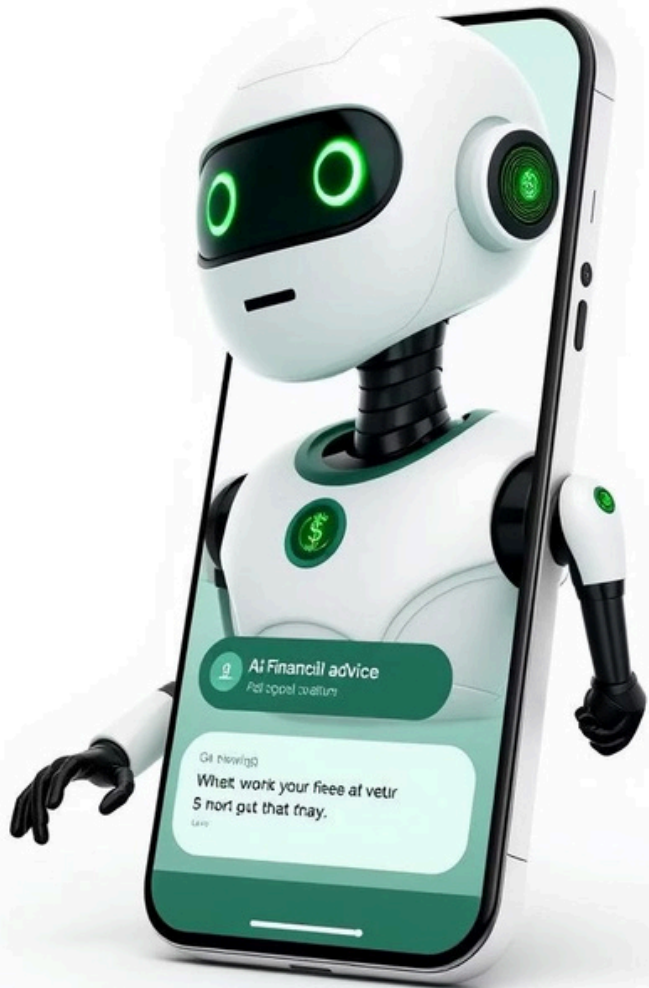


E f f i c i e n c y

Open-source tech and
Agile improve cost-
effectiveness

Project budget





Future Scope

1

Bank API Integration

Automate importing of expenses directly from accounts.

2

AI Spending Analysis

Personalized recommendations to optimize budgets.

3

Cross-Platform Support

Expand app availability to iOS devices.

Co clu io

This tracker simplifies managing recurring expenses effectively.

It saves time and money with automation and insights.

We welcome your questions and feedback.

