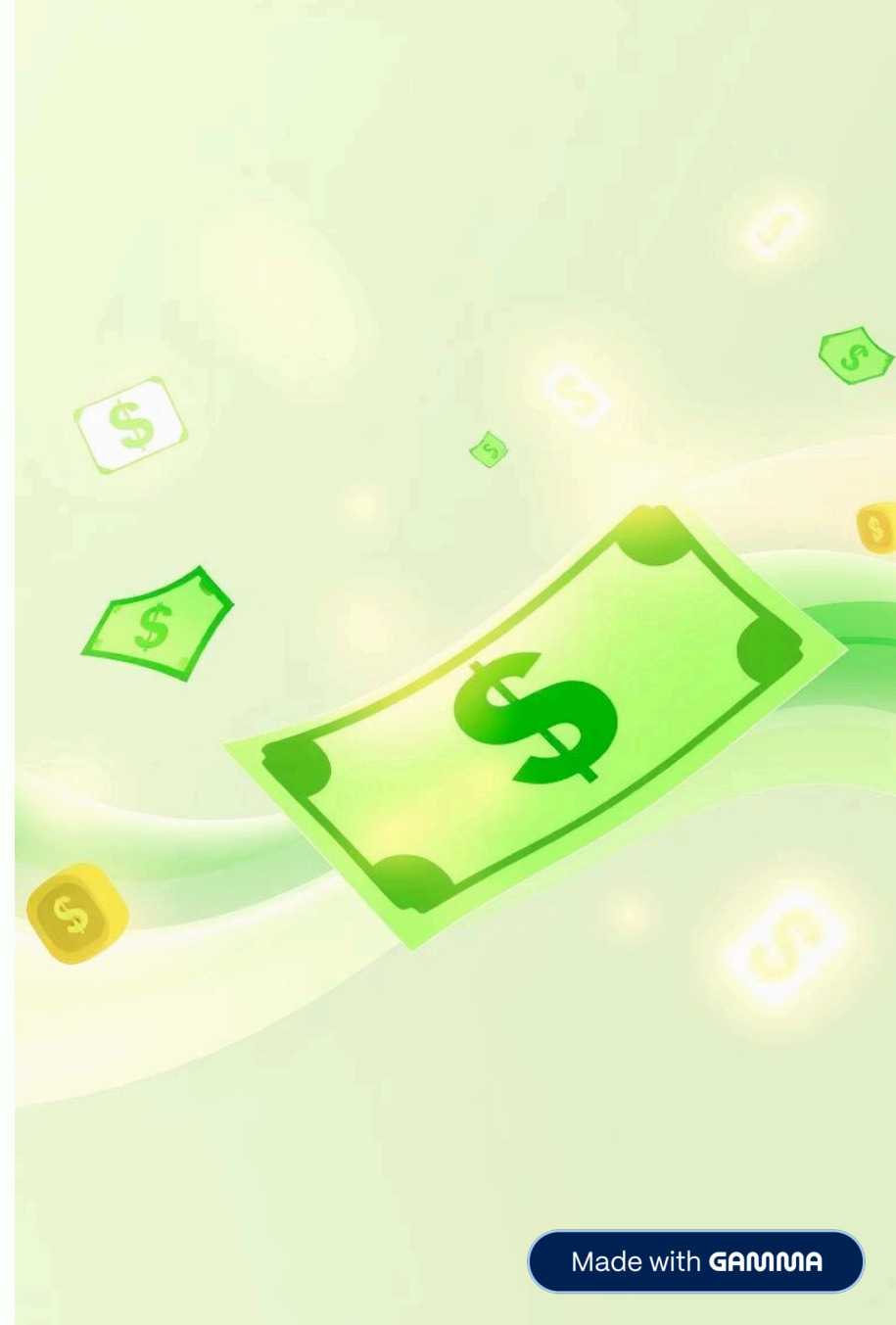# Recurring Expense Tracker:

This project streamlines personal finance by automating expense tracking.

It highlights the importance of managing recurring costs efficiently.

By,Vanisree S.J 220701308

Problem Statement & Existing Systems

Manual Tracking Issues

Time-consuming and prone to errors.

Current Solutions

Spreadsheets and generic apps lack automation.

Inefficiencies

Missed subscriptions and late fees cause financial loss.

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 Cases

- 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 Actions

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.

Made with GAMMA

Time & Cost Estimation
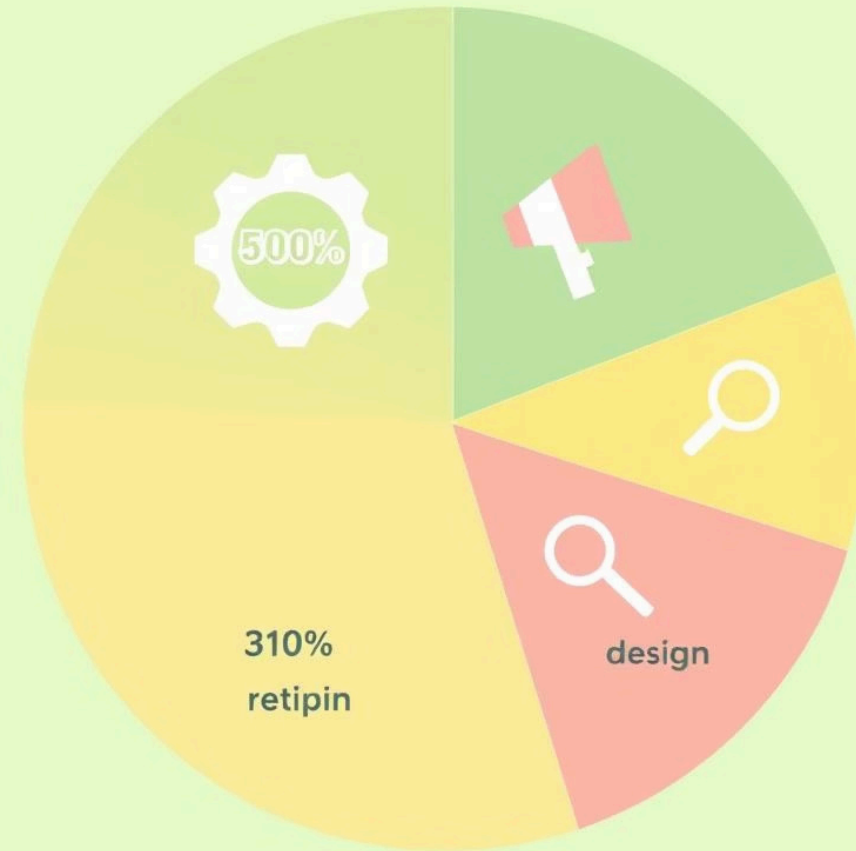
Time

Estimated 3 months development period

Cost

$6500 total: development, testing, marketing

Efficiency
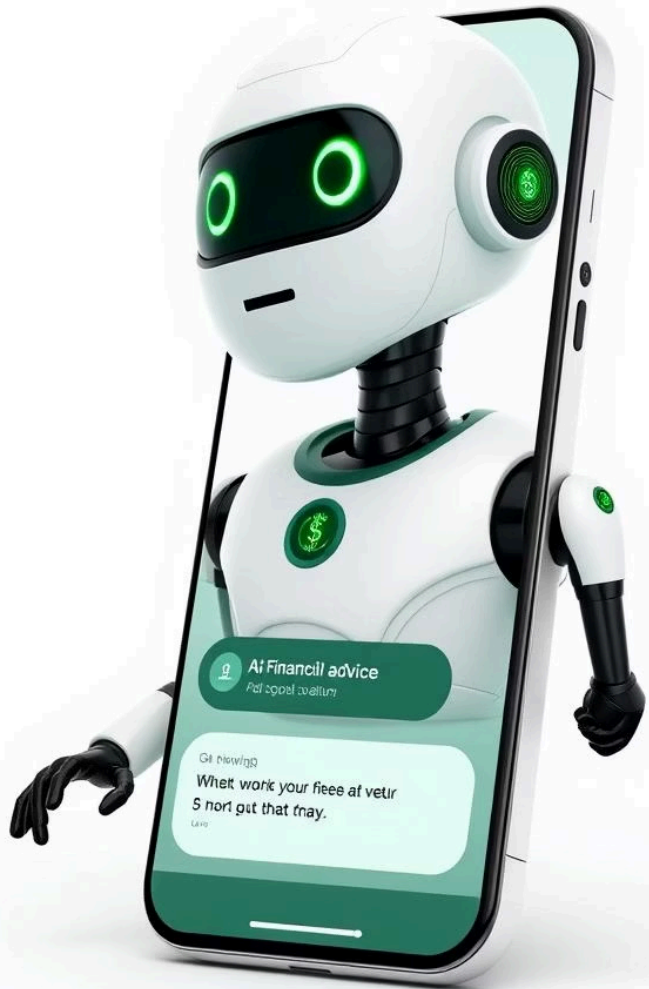
Open-source tech and Agile improve cost-effectiveness

Project budget

500%

310% retipin

design

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.

Conclusion

This tracker simplifies managing recurring expenses effectively.

It saves time and money with automation and insights.

We welcome your questions and feedback.