

Release Plan

Product Name: Roommate Expense Tracker

Team Name: RET

Release Date: 7/22/25

Revision Number: v1

Revision Date: 7/2/25

High Level Goals:

1. Simplify Shared Expense Management

Create an intuitive platform that makes it easy for roommates to log, track, and split expenses without needing spreadsheets, manual calculations, or back-and-forth texts.

2. Improve Transparency and Accountability

Ensure every house member has a clear, real-time view of who paid what, who owes whom, and what remains unsettled—reducing misunderstandings and potential conflict.

3. Enable Seamless Collaboration Within Shared Households

Facilitate smooth financial collaboration in shared living environments by offering group-based tools like house creation, member management, and shared history logs.

4. Deliver a Reliable, Cross-Platform Mobile Experience

Build a responsive, user-friendly mobile app (using Flutter) that works equally well on iOS and Android devices.

User Stories/Sprint Plan:

Sprint 1: Environment Setup

1.1 As a user, I would like to be able to login to my own personal account.

1.2 As a user, I want the information I share with the app to be private and secure.

Sprint 2: Users & Expense CRUD Operations

2.1. As the head of house, I want to create a household so that I can manage shared expenses with my roommates.

2.2. As the head of house, I want to read roommate information so I can manage members.

2.3 As the head of house, I want to update who the head of house is when I move out.

2.4 As the head of house, I want to delete a roommate from the household when they move out.

2.5 As a user, I want to create an expense when I need to split a receipt or other bill with the other roommates.

2.6 As a user, I want to read the expenses my roommates create so I can stay up to date with who I owe money to.

2.7. As a user, I want to update an expense so I can correct or adjust details and mark

an expense as completed.

2.8. As a user, I want to delete an expense so that I can remove incorrect entries.

Sprint 3: Advanced Expense Logic

3.1 As a user, I want to split an expense evenly among select/all members so that I don't have to do the math manually.

3.2 As a user, I want to assign custom amounts to each person in an expense split so that the division reflects real-world usage or agreements.

3.3 As a user, I want to view a breakdown of balances with each individual member so that I can know exactly who owes whom.

3.4 As a user, I want to be able to create recurring expenses so that I don't have to create a new one each month.

Product Backlog:

As a user, I want to be able to upload an image of a receipt and have an itemized and editable expense automatically created from it.

As a user, I want to be able to create an expense and have my roommates see it instantly.

As a user, I want to be able to receive a notification every time an expense is updated.