

# Sprint 3 Plan

**Product:** Roommate Expense Tracker

**Team Name:** RET

**Sprint Completion Date:** 07/20/2025

**Revision Number:** v1

**Revision Date:** 07/22/2025

## Goal

Complete core UI flows for user interaction with the Roommate Expense Tracker app, focusing on profile, house management, roommate handling, and navigation. Integrate real-time updates, ensure clean design integration, and support user clarity with shared financial data.

## Task Listing

### User Story 3.1

*"As a user, I want to edit and view my profile information so that I can personalize my experience."*

- Create profile page ui (1.5h)
- Show/edit nickname ui (0.5h)
- Show/edit payment method/link ui(0.5h)
- Log out and Light/Dark mode button (0.5h)
- Connect the ui to backend (2.5h)

**Total: 5.5h**

### User Story 3.2

*"As a user, I want to manage house information and members so that shared expenses are linked to the correct group."*

- Create house dashboard layout (1h)
- Add house name editing logic (0.5h)
- Display member list with expandable cards and Implement tap to copy(2h)
- Connect frontend logic to backend (3h)

**Total: 6.5h**

### User Story 3.3

*"As a user, I want to invite or remove members from my house so that the group stays current."*

- Build member management page UI (1h)
- Connect to add/remove member API (2h)
- Add feedback for success/failure (0.5h)

**Total: 3.5h**

### **User Story 3.4**

*"As a user, I want to navigate from the homepage to my house and profile pages seamlessly."*

- Implement homepage routing logic (1h)
- Update navigation button states (1h)
- Add condition for routing (1h)

**Total: 3h**

### **User Story 3.5**

*"As a user, I want to see updates reflected in real-time so that shared changes are instantly available."*

- Add socket.io backend listener (2h)
- Client-side real-time event integration (2h)
- Tests (1.5h)

**Total: 5.5h**

### **User Story 3.6**

*"As a user, I want to create, view, and update expenses so that shared costs are clearly tracked and managed."*

- Create expense page (2h)
- Connect expense page to backend API (2h)
- Display expense list in house dashboard (1h)
- Add ability to edit/delete expenses (1h)

**Total: 6h**

### **Team Roles**

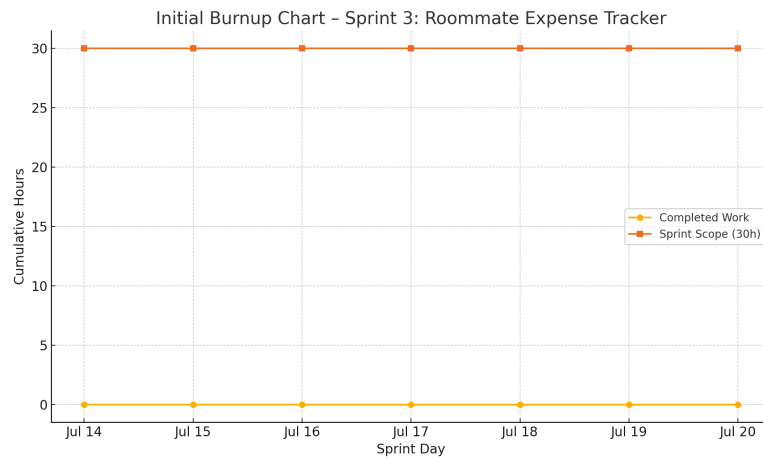
- **Liya:** Scrum Master, Developer
- **Jayden:** Developer
- **Josh:** Developer
- **Ethan:** Project Owner, Developer
- **Nilufer:** Developer
- **Riddhi:** Developer

### **Initial Task Assignment**

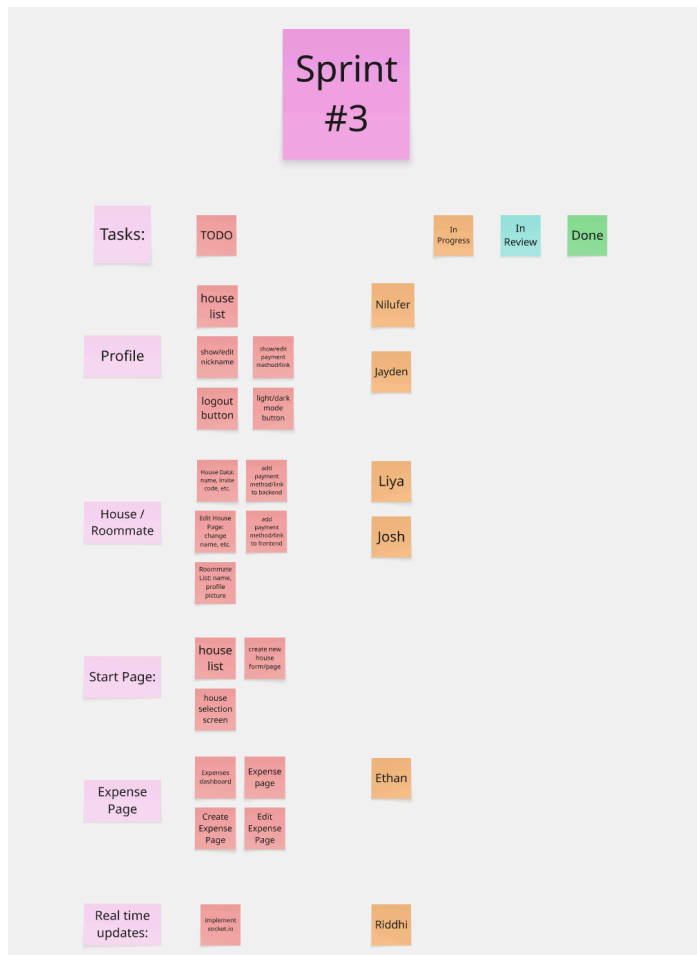
- **Liya:** House dashboard page
- **Jayden:** Profile page ui
- **Josh:** Member list
- **Ethan:** Expense page
- **Nilufer:** Connect Profile page

- **Riddhi: Socket.io setup**

## Initial Burnup Chart



## Initial Scrum Board



## **Scrum Times**

- Tuesday 3:10 PM (with TA)
- Friday 12:50 PM (with TA)
- Sunday time based on group's availability