

Sprint 2 Backlog

Goal:

Enhance user experience with advanced communication features, AI analytics, data management, and UI/UX polish

Sprint Planning/Tasks:

| Assignees | Task Description | Progress |
|--------------------|---|----------|
| freddy-nguyen-tamu | Implement Private Direct Messaging Button Between Two Users Regarding an Expense via Expense Page | Done |
| freddy-nguyen-tamu | Implement Private Direct Message System Between Two Users | Done |
| freddy-nguyen-tamu | Fix: Restore config/development.rb and Remove Misplaced Button in Landing Page | Done |
| freddy-nguyen-tamu | Implement a Conversation Page That Divides Contactable Users Based on Groups | Done |
| freddy-nguyen-tamu | Implement Multiple Expense References in Messages | Done |
| freddy-nguyen-tamu | Implement Group-Based Conversation System with Multi-Expense Quoting for Context | Done |
| PRADEEPPERIYASAMY | high-level AI summary of my spending habits | Done |
| PRADEEPPERIYASAMY | AI analysis of that specific widget | Done |
| PRADEEPPERIYASAMY | Flash messages (like "Success" or "Error") | Done |
| PRADEEPPERIYASAMY | Landing page | Done |
| PRADEEPPERIYASAMY | (Sign Up, Login, Edit Profile) to be clean, styled, and easy to use | Done |
| PRADEEPPERIYASAMY | Expenses pages to be clean and well-styled | Done |
| PRADEEPPERIYASAMY | Groups pages to be clean and well-styled | Done |
| PRADEEPPERIYASAMY | Conversations to look and feel like a modern messaging app | Done |

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| PRADEEPPERIYASAMY | New Category from to be a simple, styled form | Done |
| freddy-nguyen-tamu | Implement Backup Functionality | Done |
| freddy-nguyen-tamu | Implement Restore Functionality | Done |
| freddy-nguyen-tamu | Implement Backup & Restore User Interface | Done |
| freddy-nguyen-tamu | Implement Backup and Restore Data System | Done |
| freddy-nguyen-tamu | Handle Undefined Routes with Proper Authentication | Done |
| freddy-nguyen-tamu | Implement Edit Feature for Group-Based Expenses | Done |
| freddy-nguyen-tamu | Implement Date Autofill Feature to Expense Forms | Done |
| freddy-nguyen-tamu | Implement Route Handling, Expense Editing Fixes, and Date Autofill Feature | Done |

Increment:

Full messaging system, AI-powered insights, backup/restore functionality, and polished user interface

Sprint Retrospective:

What went well:

- Successfully implemented complex messaging system with group conversations and expense referencing
- AI features integrated for spending analysis
- Comprehensive backup/restore system completed
- Entire application UI/UX polished to production quality
- All Sprint 1 carry-over issues resolved
- Route handling and edge cases properly addressed

Areas for improvement:

- We could have communicated more effectively to avoid merging PR into main which then accidentally reverted already implemented features and finally someone had to restore those features. This workload could have been avoided entirely.