# SplitWise Clone: Expense Sharing App

Seamless group expense management built with Flutter & Firebase.

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# The Problem: Chaotic Expense Sharing

🖼️ **Expense Chaos**

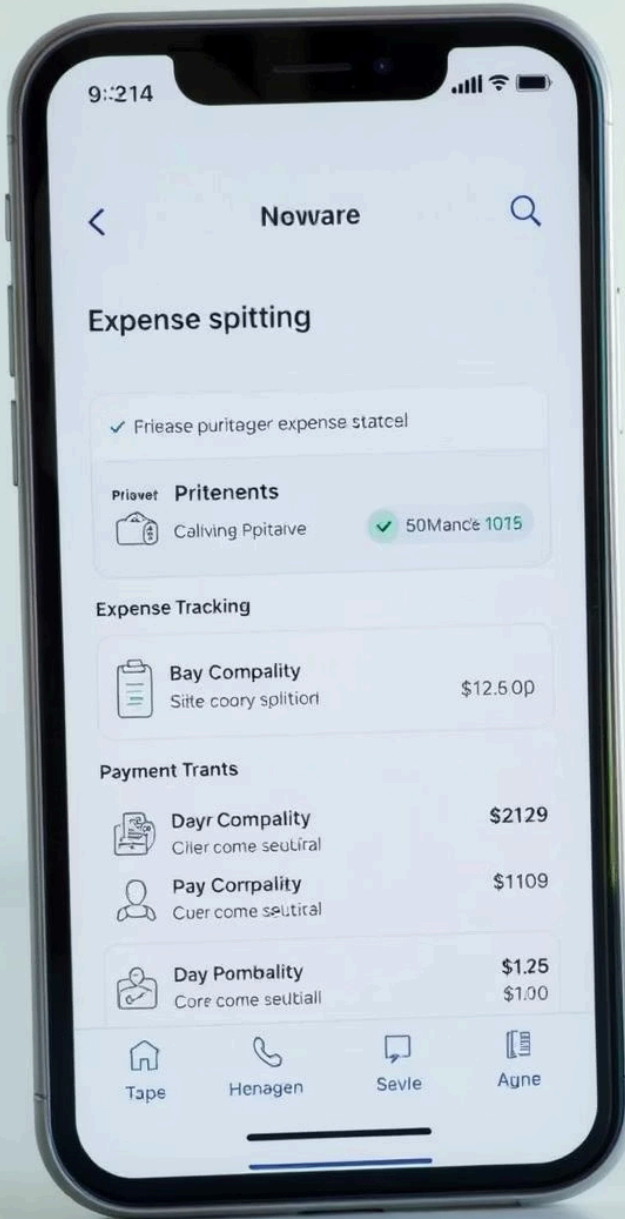Shared expenses are chaotic in groups.

🖩 **Manual Errors**

Manual calculations lead to errors.

❓ **Tracking Issues**

No simple way to track payments.

# Our Solution: A User-Friendly App

### Mobile App

Split expenses among participants.

### Real-Time

Manage and settle expenses in real-time.

### Transparency

Track paid and unpaid statuses.

# Key Features of the App

**Add Expense**

Amount, description, participants.

**Split Types**

Equal, Exact, Percentage.

**Manage Groups**

Create & Manage Groups.

**Payment Status**

Mark expenses as Paid/Unpaid.

# Tech Stack: Powering the App

**Flutter**

Cross-platform mobile UI.

**Firebase Auth**

Secure user login.

**Firestore**

Real-time expense storage.

**Cloud Functions**

(Planned) Automate settlements.

# Expense Lifecycle: A Visual Flow

**1** **Add Expense**

User adds an expense.

**2** **Select Split**

Choose split method.

**3** **Store in Firestore**

Expense stored in Firestore.

**4** **Display Expense**

Show in Expense List.

# UI Showcase: Sample Screens

| 1 | Login Screen |
| 2 | Add Expense |
| 3 | Expense List |
| 4 | Group List |

# Future Scope: Expanding the App

**OCR Integration**

Auto-scan bills.

**Notifications**

Dues and reminders.

**UPI Payment**

Gateway integration.

**Budget Analytics**

Expense insights.

# Thank You!

Let's simplify group finances together!

**[yourname@email.com](mailto:yourname@email.com)**

GitHub / Portfolio Link

Open to feedback and collaboration!