

USE CASE SCENARIO

Scenario 1: Creating a New Financial Goal

- **Use Case Name:** Create Financial Goal
- **Actor:** University Student (User)
- **Description:** The user sets a specific savings target and gets a feasibility plan from the advisor.
- **Pre-condition:** The user must be on the "Goal Management" tab.
- **Steps:**
 - The user enters a title for the goal (e.g., "New Smartphone").
 - The user inputs the target amount and selects a deadline date.
 - The user clicks the "**Set Goal**" button.
 - The system calculates the monthly savings required to reach the goal by the deadline.
 - The system saves this data to the goals table in the SQLite database.
- **Post-condition:** The goal is saved, and a success message with the monthly savings plan is displayed.

Scenario 2: Recording a Daily Expense

- **Use Case Name:** Record Expense
- **Actor:** University Student (User)
- **Description:** The user logs their spending to keep track of their budget.
- **Pre-condition:** The user must be on the "Expenses" tab.
- **Steps:**
 - The user selects a category (e.g., Food, Transportation, Stationery).
 - The user enters the spent amount.
 - The user clicks the "**Add Expense**" button.
 - The system records the amount, category, and date in the transactions table.
 - The system automatically updates the history table to show the new record.
- **Post-condition:** The expense is added to the database, and the total spending charts are updated.

