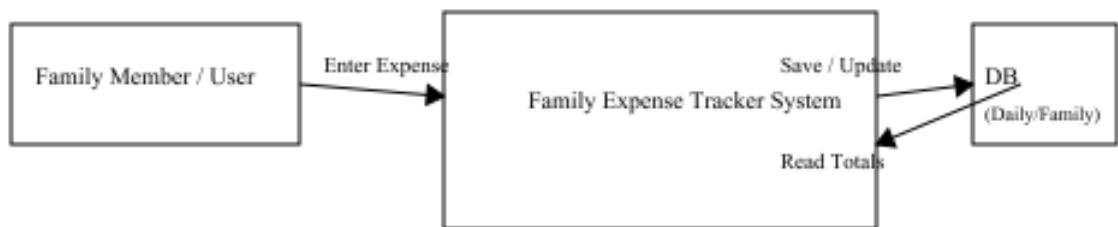


Date	02 November 2025
Team ID	NM2025TMID05269
Project Name	Calculating Family Expenses
Maximum Marks	4 Marks

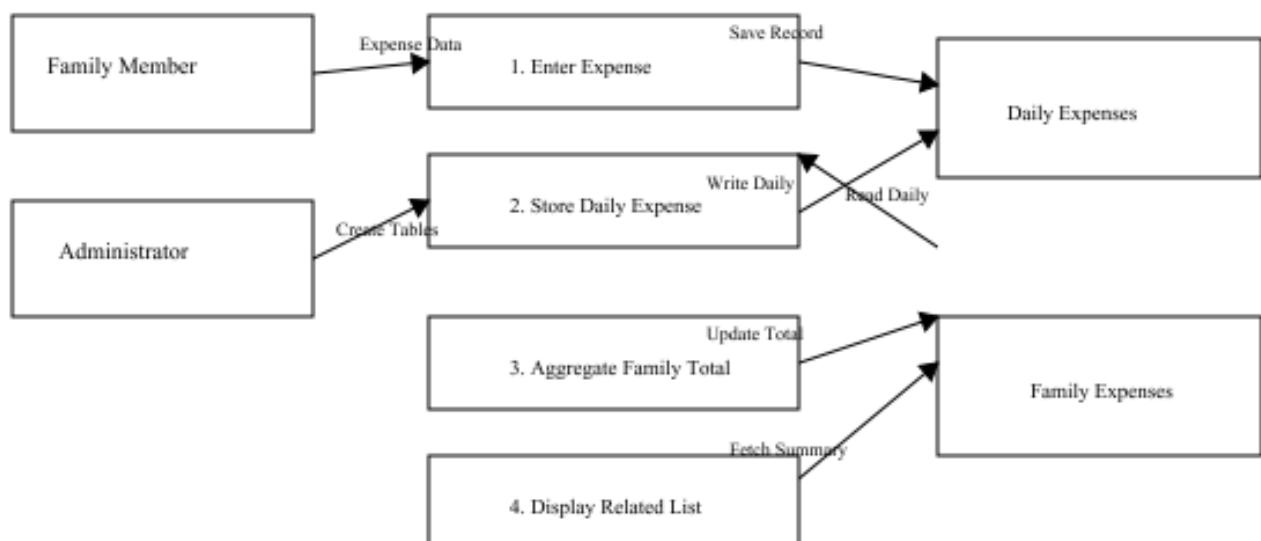
Project Design Phase-II

Data Flow Diagram & User Stories

Level 0 DFD (Context Diagram):



Level 1 DFD:



The diagrams show how a user enters expense data, which is stored in the Daily Expenses table. A Business Rule aggregates these entries into Family Expenses and the results are displayed via Related Lists.

User Stories:

User Type	Functional Requirement	User Story / Task	Acceptance Criteria	Priority	Release
Administrator	System Setup	USN-1	As an admin, I can create and manage tables (Family & Daily Expenses) to record financial data.	Tables are created and accessible with proper relationships.	High
Family Member	Expense Entry	USN-2	As a user, I can add new daily expense entries with amount, date, and category.	System saves each record in the Daily Expenses table.	High
System	Automation Rule	USN-3	As a system, I automatically update Family Expenses when new daily records are added.	Family Expenses total updates automatically.	High
Family Member	Data Visualization	USN-4	As a user, I can view all related daily records under each Family Expense entry.	Related list displays correct linked records.	Medium
Administrator	Relationship Configuration	USN-5	As an admin, I can configure relationship scripts to refine data linking between tables.	Records are properly associated using script logic.	Medium
Developer	Documentation	USN-6	As a developer, I can document all steps, configurations, and results for submission.	Documentation is completed and reviewed.	Medium

The DFDs and User Stories define clear data flow and functional requirements for the Calculating Family Expenses system. They guide development and testing to ensure accurate aggregation and presentation of family expense data.